

gatgatatct cgcggcgctca tattgattgt tggacatcaa actgctgggt ttggaaacca 60
 aaacctaata gtcatttttc tacaaggagc acatactgta tgctactaga aggagcagca 120
 gatcatactg tggatgaggc ttttagaggac ctatggcagc tcaaaatccc tttaaaacca 180
 acaatatttg cttggcgatt ggataaagat agaatcccta ctatagggaa tttttcaaga 240
 agacagctgg agaaaggctc tgcccaaccc tacaactatc gtgtctagta attatcaaca 300
 aacatttttt attacggtag 320

<210> 9165
 <211> 296
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9165

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 ctattttgaa ttctctagtt cctgaatgta caactttcaa attgttggtc gttccccctc 120
 ttgttttatg caaaaaatga aatcaatatc aaacaaaaca tgcatacaat tgtcatcggt 180
 attgctactt gaaccataag gaataccatc taaagaagta cttcaaaacg gttatttatt 240
 tcttttggga ttttttgaat tacaatttga cttcaatatc taattcttta atgtac 296

<210> 9166
 <211> 231
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9166

actaagcttg cagagtgatg acttccctnc ncaaatgctg cattatgtaa tccgcennnc 60
 acncccatgt acaggtttct gtatgtagga ttgggcctcg atcttacctc gaccacttat 120
 ttgtgtgctc ttcttttagca cttgaatgtg gcctctttcc aacttcgtcc gaataagagg 180
 gccatggtga gggccttcga aattctgtgc ctcttcttca acattcgacc t 231

<210> 9167
 <211> 435
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9167

agccaatgct atttgcaata accatcttcc aagtggacat tggacttgga aatttgaaat 60
 ggggtttaat ttccacaaca tttaatggcc atgctgag aacattaatc gagaagggtg 120
 accaagaaat gaagcaggaa aatcttaact taatactact acccatTTtg cataaccag 180
 gtatccaata ttgggaataa ttaataggga aaaatcagtg gtgtagaaat gcattacact 240
 gatgtggttg atgtatataa caattggaca aaagagaaaa agagctaggc ngatgttata 300
 gaaagagaac taaacaagat caacgtaaca ttattaatga aagttcta at ccctattgtg 360
 caaaacactt caaaaagaaa tcctatctag ccaccaaagc caagaaaact gtatagtcaa 420
 tatcacctac agctg 435

<210> 9168
 <211> 527
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9168

agttgttten nnnnnnnnna aggggncccc cncgnnatgg aaaccttann nnagtctatc 60
 tcgtagcgcn caagctcnac gancgtacac gtnnaactac atgtatcctt cattggaagt 120
 tcttagagtg gacatgcaaa ataaataacg ctgacactca aataagtcca tgattgagtt 180
 gagtttgaaa attgaaaggg gtganataag atctgatctt tataacgtga gataggagtt 240
 tcgaagtctt gattgtaaga gagttataac agtgatgtaa caactctaga tattccctac 300
 ttggtaataa ttataggaga aaatcatagc tggtaaatat agttatagat attcctcctt 360
 atagataatc aatggatata gaaattcatt atatagatat tcattctaga gatagtagtc 420
 ctgtacctgt aagaaatata catttctca aatcaattat gttttgtaca catgtggcct 480
 atcttactgg gccattcccc actgtagata gcttcaccgg tggtcen 527

<210> 9169
 <211> 446
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9169

catgacaaca	acattattac	ttacatgttt	aatattcttt	ttattcctgg	aaccctttgg	60
tcgaccacgc	ttctttggcc	tcacaatctc	acctaggcct	gcaccttcac	catcggcact	120
acctttctcta	acagaaagca	atggcctttc	agactttaaa	actgtgataa	tactcactct	180
atctgaacct	tttggtcgat	cacgcttctt	tggcctcaca	atctcaccca	ggcctgcaac	240
gtcattctca	gctntatctt	gctcaccaga	acacaatgat	ctgttagact	ctaaaactgt	300
gacattactt	attctagttg	aaccctttcg	tcgaccaagc	ttctttgggt	tcacaatctc	360
accagacccc	acaccttcac	cacctgcctt	atcttctctc	acagaaaata	cagatctttc	420
agactctaaa	aatgtgacat	tattca				446

<210>	9170
<211>	278
<212>	DNA
<213>	Glycine max

gagatcttca ttctggttta atagattact ggaccactgt atcgattata ctatncagcc	60
gagaccatgt ctgagtctca tgagtctcta ctttaaatcaa ttaccaagtg attgtgatcg	120
attacatcgc tcttgaaagt gttcccagta ctgatcaaga aaactttgat cgattaaatc	180
aagagtctaa tcgattacat tgttcttgaa agctttctag gtgttcggaa gaacactttc	240
atcgactaac aatgattatc taattgatta cttcttta	278

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<223>      unsure at all n locations
<400>      9171
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ttaagtcacc	tgcgggcatgc	aagcttcttg	ggtcctgcan	acatgacaac	aacattatta	60
cttacatgca	aaatattctt	tttattcctg	gaaccctttg	gtcgaccacg	cttctttggc	120
ctcacaatct	tacctagggc	tgcaccttca	tcatcgcaact	accttctaac	aaaagcaagg	180
ctttcagact	taaactggat	atactatcta	ttgaccttgt	cacacctttt	gcctacatta	240
ccagctgcac	tatctagtta	ttctaca				267

<210> 9172
 <211> 400
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9172

tgttagagaga tcttcattct ggtttaattg attactgata tttgtaatcg attacactat 60
 tcagttgaga ccatgtctca ttttcatgag tctctanctt aatcaattac caagtgattg 120
 taatcgatta catcgttctt gaaagtgggt ccagtagtga tcaagaaaac tttgatcgna 180
 taaatcaaga gtctaatacga ttacattggt cttgaaagct ntctaggtgt tgggaagaac 240
 actttcatcg attaaaaatg ataatactaat tgattacttc tttaaaataa tcgattaatg 300
 tggcaatnta atcgattaca tgccaatatg attgtcttct ctatatatag ccaccttggtg 360
 ttctcagctc ttacgactcc acattctagt cttcattcct 400

<210> 9173
 <211> 463
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9173

gtcacctgcg gcatgcaagc ttgtccattg gcaaagttac agaaggccaa tttataaaaa 60
 tgatctattc agtcaattat tcttcaccat catttttaaat tatctaaagt tcattgggtg 120
 gatttaacat taacaattag tcagtcaagt tcaagaggac ttaattacat gggttaaaga 180
 atatgtatct ttttttctcc aaaaaaaaaa taagtcctct gatgcatttc ataagttaat 240
 ggaaaataaa aggtgtagaa gaaatgcnat taaagggtgat aagccatagc aagtgtttgc 300
 agttttaccgc ttgaactcan gtgactgctt atatnngtca aactcttgca accattcttc 360
 atccgagaaa ggagggagag taccggtgaa ttccaatcag tcattgaaga ccagatcggt 420
 gagtcttgta aactcccgag caccaccatg ctgaacaccc atg 463

<210> 9174
 <211> 409
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
<400> 9174

gcttcanaaa gtcaagcaga acagcttaaa gaagaacaat gtggcgatct ctgatgtaac 60
caatcatgct cggaaagaag agttagaaac tggccgttaa taatttgcac ctgtaattac 120
agaacttgat gttgcaaagc aagaactgag taaaattcgt caggggtatg atttatcctt 180
ggaagcaaga gtttctgctc tcaagcaaac agcagaagct gaagatgcaa tgaaggcaaa 240
catggaaaga gcatgtgagg taccctaaag aaatttggtt gtgcaggaat cagttgagaa 300
aatgaatgct gaatctgtcc aagcacatca actgcaagaa gagacattag ccggacaaaa 360
agttcttaga caatcatatg aagccatcct tgaagaatca aaaaagaag 409

<210> 9175
<211> 280
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9175

agctntaggc ctcaactcant gttgngcctg cccttgtagag aactctttta tttgagaaat 60
aagaacaata aaaatatgct actactatta aaccatattt attttgagac tagagggtgc 120
attggctttt gagatgtgac ttttcttctt tttcttcccc ctccctctcc ttttttaaatt 180
acttcagata ctacactttt tactggaatt cttattcgta cataaggcan aagagggttg 240
gggggagcat accatgtagt gatgcaaact tcgtggacag 280

<210> 9176
<211> 426
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9176

cacgggttga ccggcctctc tagtgatcct ccaaagtgtt atcctgttca aactgcaca 60
tggagagtga gtcacctccc acatcaagca gtgcaagaat tatatgcgac ttagattac 120
taggtggaca cgcttcatcg tcaagcattt ctggtgcgac caaagcatta acttgtaacc 180
tagcccgtt gattgcctcg gcgtcaccct gaaggagctn tgagatctgt ggtccaaatg 240

tccgagagaa tatccatgag attttcaata aaaaggacta atgtactgaa tgagaatatt 300
tctatggnga tcaaacaaga agataaagtt aacggctgca ctatagaggt cagataccac 360
attgattagg ataagcaaaa cgcagaaagt cgtccattg tccaggatat aactcaata 420
tgcaac 426

<210> 9177
<211> 428
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9177

agctgggtga taagatcgcg agtttctagc caatctcaga tantaatgag aatgtntatt 60
ttctttgtga anaataagaa ccttaagatt attaatatat tatgctgcta tgtaagtaga 120
aatagccatt tcacatatac tgcacctttt tcttcaagag aaattcagtc aatgttgcat 180
tttactgata tccttaatac agtaagttaa tactcgaaac aggtaaatat ttgtagagtt 240
tcccttcaaa gaccggttga aaatgggtcat gcatagatag acaatgccag ctgagcatag 300
tacaggacat tnnttgattt tgttggtctc gggactcata attcatgagc caatcaactaa 360
tccaaatatt ggaaataaaa tatggaactg gcttacgtaa acagtaatta aagtacatgc 420
tcctacga 428

<210> 9178
<211> 330
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9178

tcccgcattc gcaattggaa ggaactgatt accgccttcc ttatgttgta tcagtacgat 60
tctgatatgg ctcccgactg gactcagttg tagaacatgg ntaagaggga aagtgagtcc 120
cttaaagact acgctcggcg ttggagggac ctggtagcac aagtagcccc tcccatggtc 180
gaaagggaaa tgattaccat gatggtagac accttgccga tgttntacta tgangaaata 240
gtgggctaca tgccctccag cttcgtagac ttggtattcg ccagggaag aatcgaagtg 300
ggcttgaaga gagggaagtt tgattacgtc 330

<210> 9179
 <211> 264
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9179

agcttgagat agagcttgca agtggttagag ctagttgtgg cagcgaacaa tacttgtaac 60
 tttgataagt tagtgaaaat ttggtgggtg tcaagaatcg gacgtagtct caggatcgag 120
 atgaaccaat ataaattctt tgtgtgctct cttgttggtt aaatgacaaa ggcgttgaat 180
 ttgctnntag atcttatatc tctttctatt tttcaaggaa aactattttc ctcatcggtt 240
 aatacagcct aaataaatac ctgt 264

<210> 9180
 <211> 441
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9180

ggatgtagag ctngattgtg taagagtaaa aagtgatact aaacttatac ttgtaactng 60
 tgtgaagtta gtggaaattg atgattttca agaattggac gtactctcaa tggtagagat 120
 gaaccagtat aaaacttttt gcatttgatc tttcttgctt tcttttaagt tttatctaac 180
 caaagggtgt gaatttggtt ttagatttaa atagatatct cgtgggtttct aaaaaccatt 240
 ttacatcatc taatagnntc tttgaaaaat ctataatatg ctctntacac aagtttatca 300
 gatgaaaact ttgttttaag tgaaaaaaga atttaaaatg tataaaatca gaattcaatc 360
 cccattcgtg atagttgcct ttacattaaa taaaaagatg aaaattttaga tagatatcaa 420
 agctgtgtta acatttggtt c 441

<210> 9181
 <211> 303
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9181

agcttccatc ataagcgtng gtttagttgg ttttattctt aattgcaaga tatattntga 60

ctgaacaaaa gtcgtnttaa ggcgttgac catttaaagc atattttgat tctttttgag 120
 ttgatttttag ccttagtttc actttggttt ctagaaagta gtgacaaagt tatgcgttgg 180
 ctttaggctt tcaaaagtcc acattttcac caaataaaag caaagaggat cattcaaggc 240
 atcggacctt anaatggttt ttaggtgatg acaaaagctt gacttgtgag ttgattntag 300
 cct 303

<210> 9182
 <211> 445
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9182

ctatgctgca nacatntaca atagacttcc tcaacctcag cagcttattc aaccacagca 60
 gaacaattat gacctctnca gcaacagata caaccttgga tggaggaatc acnctaattc 120
 cagatggtct agccctcaga aacatcagca gaagcctggc tccttcttcc aaaatgctgc 180
 tggcccaagc agaccataca ttctncacc aatccaacaa cagcaatagc cccagaaaca 240
 gccaacagtt gaggtctctc ccgcaacctt cctcaaagaa cttgtgagac aaatgaccat 300
 gcagaatatg cagtttcaac aagagaccag agcctncatt cagagcttga ccaatcagat 360
 gggacaattg gctacacaat taaatcaaca acagtcccag aattctgaca agcttgcttc 420
 tcaaattctgt ccaaaatcca aaaat 445

<210> 9183
 <211> 431
 <212> DNA
 <213> Glycine max

<400> 9183

ccctctgtaa ctggtttaaa cccaattctt tttttcggcc ctcttcatta ttctgtctaa 60
 agctctggat gggccctggt gacatcctta tctcatcaca ctctttccta accttgaagg 120
 ctgtcatctt gaactttctc ttgaccactt gcattctttc aagctccaca ttcaaagctt 180
 gcactttctt gctgttctta aggacattag ccttgttccc acttgaaata ttagttcgg 240
 gagcccagtt ataccttgca tccgagcctt caaccattta tgatattcac caataacacc 300

gttgaagctg gtttcaagct cttatactc tctttgccca cacttcatgc ttttctgact 360
 cgtccaagca tctatgcaat tgcgtcacat gagacacctg ctatcatagg cgtgaaaactc 420
 tctttctatc g 431

<210> 9184
 <211> 192
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9184

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 tggtatcaac ggctcacaat gatttgtnnt ggtaatctgt gtctttccaa accagtcaat 120
 aagatgtcat tatatggtat ccatttggtta ttcgatgtgc gttcttttaa atcctaattg 180
 gattgagatg tg 192

<210> 9185
 <211> 437
 <212> DNA
 <213> Glycine max
 <400> 9185

agcttcatct atggcagcca agttctcagc aactttttaa tataatctcc tagatccgat 60
 caattgggtc agtgcgatcc tgcacagcaa tcccttctga gacatcggcg agtgatttga 120
 gattgcactt aattaaggcc tcaacgaagt agcagggttc atctttggtg ttgccctcag 180
 gtacatccac cacaaaagat tcaattacca gtgtacctgg ccttccatca ataatttctg 240
 ggtggagggg catgatagat gagtagttct gaaagataag agatacaact tatgttaaaa 300
 aaaattattg tgtcagggtga cacggacaag atagcttaat catttagccc aacttcttag 360
 acaggccggg aaaacaaaaa tctatataat tactcatggt ggacgtaatg cttggtgcgt 420
 ctttaataca tgaatat 437

<210> 9186
 <211> 405
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations

atcttgcgta aaaattcgca atacttcaac tgtgcatcat tcgcatgcat ccatgctttt 360
cattgg 366

<210> 9189
<211> 422
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9189

agctntacat gttttcaaac ttataaaaag ctnttgaaaa gggaatttta gcttggacaa 60
caggttntat tatttaatta tagattgaga atgtttccag gtaagccgga atctatgtgg 120
tatggaacac tcatcatcaa tntcgtcaag ccacatggag ctatggtatt ggatgatcta 180
gccacanaga tgacatggat tgtgaatggc agcaggatca aacactactt ggggtggtgat 240
gttgagagcc ttaccactat tgtccaatng aaggagtcta aaccatgaca agaacgtcca 300
gctaataaga tgttaaagaa gagctactan gaggcaacct aatgtttcta aactttgtct 360
caatttgtgt tacctgaatt ntatgtctcg ggtttttgaa tatgtttatg aaatttactt 420
tt 422

<210> 9190
<211> 178
<212> DNA
<213> Glycine max

<400> 9190

atactcagct tatgatgttg aatcaagatg atcaaggagt tttgtgatat ctaagatgag 60
acaaaaagcc aagagaatag ttcaagattt gtgacaaagg atcaactgat gttttgatga 120
tgcccaagat acatgtttac acgctttatt cagcactcta aatcccgata ttcatgat 178

<210> 9191
<211> 439
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9191

tcttgagtca cctgcggcat gcaagcttca tcttcaatcc aagaagaaag tgataatggt 60

tactntaatg atttggatga agatgatgat cttaaccttt ntggaaaaag gttcaacaag 120
 ttcctcagaa tcaaaggaaa tcaaaggaga ccaaatttta aacctaaaag aaggacagaa 180
 gattcatcct ctacttcaaa atgctatgaa tgcaatcaac ctggacatct gagggttgat 240
 tgccccgatct tcaagaaaag aatggagaaa ttgaaaaga aatatttttag tgaaaagaag 300
 gtgaagacgg cctacatcac atgggatgac aattatatgg aatcatctaa ggattcaaaa 360
 tatgaagaga taaacctgtg tctaattgggc taaaagtatg aaagtgatga agaggtaaca 420
 tcttcaaata acaacttat 439

<210> 9192
 <211> 357
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9192

agcttaggag aaaaagggtg attcaccact agagattgtg gatcagctgg ctttggttta 60
 acccgtaggag ttgtgggctc agcaggagca gcctcgctgg gtctcaccaa tggaaagtga 120
 gcttcaagcc aggctacttg cttaagaaaa tgctccatag gtatgaatgg ccctgtgtga 180
 gccaaactctc gcaggctgtg catgataata aactatcctc agaataagct ttgtagcata 240
 gggactaaaa gttgagagcg ntggacaccc agtcttatgg ctgctgacgg aggagctaga 300
 gtggatgatg aagggatgtc atctgttcta gcccttttct tgatgccatc attacta 357

<210> 9193
 <211> 369
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9193

agcttcatct tctattcagg aagaaagtga ctcatgactn ggaagaatta tctcagtctt 60
 tntgtcaaaa gaattaacaa gtntcttaaa atgagaggaa atcaaagacg caaaaacttc 120
 aaacaaaaaa ggagaattga agaatcatct catactttaa gatgttatga gtgcaatcaa 180
 cccgaacatc taagggtgta ttgtccaact tttaagaaaa ggatggagaa atccgagaag 240
 aagaactttg gagaaaagaa tgcaaagaag gcctacatca catgggatga taacgactta 300

gaatcgtctg atgattctga aaaagaagtg attaattctat gcctaattggg caaaaactat 360
gaaagcgac 369

<210> 9194
<211> 197
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9194

atgcatgcat atatgtagca tgtgactaac caacaagcgg ctaatcatag gggtcaggtg 60
cagctaaatg agagcttcta ccagtacacc ctacaccagc aaagccagga ccctagacct 120
ttcccgtggt ccactcccgga gcagttnnngn gccacagntg catggctgag agatacgtc 180
ctattttaaa caggggc 197

<210> 9195
<211> 427
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9195

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gcttgaccac aacaacgctg gaggcggtaa gggacaatgg tctttcaaataaacctgttg 120
tacatgaaca aagattatat catgcggtga ccgtgtcaaa tgaaccagcg aagtcattgc 180
ataattgtta tactaactat attcaatgta cctgaacaaa atgatttcca aacacgtgac 240
tgacacatat catgcggtgc ccagaagaat caggtggtga ttgacttcta agaggaaaaa 300
atgtcatgct nntgtgtcgg gacaacgata caaggattac attataccgt gatacaatca 360
catantccat ctnnegtata tccatccact tgtncacact aacctgaatc aaccaaacat 420
acacatg 427

<210> 9196
<211> 379
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9196

atgttcgatt caggcgcata acatattgag acactcggaa ttgaacaatg gacgctctcg 300
 agaaatacaa atggtcataa cttttcactc ggatg 335

<210> 9199
 <211> 401
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9199

tgcatttgga anttgcgaaa gcccaactcca tcattaggat tagttctctg acatctcaaa 60
 caaacaatc aaacgtaaca agacaattat agttgctgtt tgaatacctc acccaactcaa 120
 gtgtatcaca caattatggc tnttctctaa tgaaacactc ttgcctttta ccactctaatt 180
 tcccccttgag ttcttaggca attcaagaga ttatggccac aacaaagaac aattcaccaa 240
 tatgtgtaag gtaaggctag acaaggaaaa ggttaaccaa gaaaaaggct aacaatgttt 300
 ttaggcacaa atgaaggga ataaattcag aatttaggaa ttcaagtaac aatccttcat 360
 gcaaccaata tattacctta aagaagtttt tttttaagtt c 401

<210> 9200
 <211> 454
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9200

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 caagaagaat taaatctagc cacggccac aagcacaag tggcagacga gtatgcccg 120
 gtgtacgcg aaaaggaggc tagaggaagg gtgatcgact cgttacatca agaggcaaca 180
 atgtggatgg actgatttgc tcttactttg aactggagtc aagaacttca ccgatggcta 240
 gccaaggcca aggcaatggc gaacacctac tccgtcctca aggagatcca ggaacttctt 300
 agctattgtc agcatatgat agacttaatg gccatataa ttagagaccc taggaagttt 360
 gtattgtcac tcagatcttg actagttata actttctgaa taaaatgagt ttattccacc 420
 gttttactcc aaaaatcagt gtgaatcaaa tcac 454

<210> 9201
 <211> 341
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9201

tcagacaact tgtgtaatcg attacaataa ggctgttatac gatgttaaca caatntgtgt 60
 aattgattag gataaggctg taattgatct aaacaaagag ttctttcttc tgaagaaact 120
 tttctaactt agaaatnttt cttctaactt actcatgata atgcatgatg cacaaaagat 180
 atgatatgga ctaagatgca aaattcagta taataatcaa tacaaatgcc actcaaggga 240
 gttgggcatg taaaagacaa aacatcttca agatnttgtc caaactccaa gctntagtct 300
 ntatnttggt catgttgctc nctctatcta acaatctccc c 341

<210> 9202
 <211> 460
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9202

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 ataacaaccg taatggagct aaatacaaaa gctcggtata ctctaacatg tgctctgtcc 120
 aggaatgagt ataacaagat ttgtagattg aagacaacca aagagatcta ggacatgctg 180
 agaatcaact acgaatggac aagagatggt caactgagaa aagttgtcac cctaacaagg 240
 cgttatgaga ttttctccat gaaagaagga gaatctatgg atgatacggt tggaagactt 300
 caagtgcttc taaatggact tgaagctctg ggacacatct tctcanagc tcanataaat 360
 ctgaagattc tagatgactt tcttaagatg tggaatgtaa ttctcttcat taaataacaa 420
 ccctaataaa agtatacttg ttcataacat aataatttat 460

<210> 9203
 <211> 294
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9203

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aattatgtgg aattcaagat gcattcccaa tgagcttgct tcttccacaa gcacattcat 120
actagcttga agttttgagt tttcttcatt gccagttaat ccggtgatcc ggagtgttgg 180
aggcccttca ggccttgaag aaagggccct tattagggaa gaccactgaa gggatgctc 240
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<210> 9204
<211> 456
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9204

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acaagtattc tcaaactaaa tgcaattaac ataaaattaa aaaggactgg gtttctctcc 120
agcaagcgct cgtttaacgt cattaacttg acgcacttta ctttatgggt ctggatcaaa 180
tttggttccc accttcaaaa ccatctcttc ccatacttta tntacctctg aacaaacatt 240
ctagttgagc gaatgctntt ctttctcaaa taagtcgaaa cagatctttt gatcagcaat 300
tcccacttca agctntttct ttcccatgtc cactacatag cttagcgtca acatgaaggg 360
acgacccacg atcaagggga tctcagtatc ctcttcgant ccatectaca aactcagctn 420
nggaaagtaa tgctcactct aaccaaacat gatgta 456

<210> 9205
<211> 430
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9205

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ttgtttcttt ttaccatca aggacaacct aaagtgtttt gctaattgag aatgacttta 180
aaagaaaaac ttatattgaa ttgctgaaca cctcgtttaa tcttatttct ttgtgatctg 240
gaaaagagat gaaaataaaa tttaattgta aggccaaaaa ccaatgtgat gtgttaatga 300

tcttgttttaa aggggtggtct gcattagaat cgaagtattc accgganaaa aagttatact 360
 tttcttgaaa aaatcttcca ttatgatttc atctttaaaa ccttccattc tactatcatt 420
 tctattaact 430

<210> 9206
 <211> 365
 <212> DNA
 <213> Glycine max

<400> 9206

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 tgaggaagga gatacccatc tcggtcctct gctccacctc aaagatccgt ccccccata 180
 actaccccaa ccgaacatag tccgccatat ccagcttta cctacaccg taaaagaatc 240
 tgttcccgctc acggaagata ggggaaagat tgaggcgctt gaagagaggt taagagcagt 300
 cgagggcctt gacaattacc cattctcgga tttggcggat ttatgtctcg tgcccaacat 360
 cgtca 365

<210> 9207
 <211> 482
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9207

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 aatatccatc actacaaagg cagcattcg taaaatggtg ggcataattt cactcatcca 120
 aagcggatcc agaacaagta aaactctggt tccaatccca tccagaattc ctcaaagcag 180
 ctgatccaga aacttctgtg ttntgaacc aaaagtctca tctggcagca tttttagcag 240
 gatcgacatc aaaggagggtc ttagctaana atctgaagga atttctacaa atgttacagc 300
 aggaagaaga agcttcatcc tcaaagaagg aagaacaag ttctgctgaa gaagaagaag 360
 aagatccctc ttaccaaacc gaagatgatt gttttggtat ctgggtagaa ttaaattaat 420
 ttcggtcaca aaacacgctg tttgtaataa tgtgtaatta atgctcgaca atactacctg 480
 tc 482

[illegible][illegible][illegible]

$\lambda_{10}^{(1)}$ $\lambda_{10}^{(2)}$ $\lambda_{10}^{(3)}$ $\lambda_{10}^{(4)}$ $\lambda_{10}^{(5)}$ $\lambda_{10}^{(6)}$ $\lambda_{10}^{(7)}$ $\lambda_{10}^{(8)}$ $\lambda_{10}^{(9)}$ $\lambda_{10}^{(10)}$ $\lambda_{10}^{(11)}$ $\lambda_{10}^{(12)}$ $\lambda_{10}^{(13)}$ $\lambda_{10}^{(14)}$ $\lambda_{10}^{(15)}$ $\lambda_{10}^{(16)}$ $\lambda_{10}^{(17)}$ $\lambda_{10}^{(18)}$ $\lambda_{10}^{(19)}$ $\lambda_{10}^{(20)}$ $\lambda_{10}^{(21)}$ $\lambda_{10}^{(22)}$ $\lambda_{10}^{(23)}$ $\lambda_{10}^{(24)}$ $\lambda_{10}^{(25)}$ $\lambda_{10}^{(26)}$ $\lambda_{10}^{(27)}$ $\lambda_{10}^{(28)}$ $\lambda_{10}^{(29)}$ $\lambda_{10}^{(30)}$ $\lambda_{10}^{(31)}$ $\lambda_{10}^{(32)}$ $\lambda_{10}^{(33)}$ $\lambda_{10}^{(34)}$ $\lambda_{10}^{(35)}$ $\lambda_{10}^{(36)}$ $\lambda_{10}^{(37)}$ $\lambda_{10}^{(38)}$ $\lambda_{10}^{(39)}$ $\lambda_{10}^{(40)}$ $\lambda_{10}^{(41)}$ $\lambda_{10}^{(42)}$ $\lambda_{10}^{(43)}$ $\lambda_{10}^{(44)}$ $\lambda_{10}^{(45)}$ $\lambda_{10}^{(46)}$ $\lambda_{10}^{(47)}$ $\lambda_{10}^{(48)}$ $\lambda_{10}^{(49)}$ $\lambda_{10}^{(50)}$ $\lambda_{10}^{(51)}$ $\lambda_{10}^{(52)}$ $\lambda_{10}^{(53)}$ $\lambda_{10}^{(54)}$ $\lambda_{10}^{(55)}$ $\lambda_{10}^{(56)}$ $\lambda_{10}^{(57)}$ $\lambda_{10}^{(58)}$ $\lambda_{10}^{(59)}$ $\lambda_{10}^{(60)}$ $\lambda_{10}^{(61)}$ $\lambda_{10}^{(62)}$ $\lambda_{10}^{(63)}$ $\lambda_{10}^{(64)}$ $\lambda_{10}^{(65)}$ $\lambda_{10}^{(66)}$ $\lambda_{10}^{(67)}$ $\lambda_{10}^{(68)}$ $\lambda_{10}^{(69)}$ $\lambda_{10}^{(70)}$ $\lambda_{10}^{(71)}$ $\lambda_{10}^{(72)}$ $\lambda_{10}^{(73)}$ $\lambda_{10}^{(74)}$ $\lambda_{10}^{(75)}$ $\lambda_{10}^{(76)}$ $\lambda_{10}^{(77)}$ $\lambda_{10}^{(78)}$ $\lambda_{10}^{(79)}$ $\lambda_{10}^{(80)}$ $\lambda_{10}^{(81)}$ $\lambda_{10}^{(82)}$ $\lambda_{10}^{(83)}$ $\lambda_{10}^{(84)}$ $\lambda_{10}^{(85)}$ $\lambda_{10}^{(86)}$ $\lambda_{10}^{(87)}$ $\lambda_{10}^{(88)}$ $\lambda_{10}^{(89)}$ $\lambda_{10}^{(90)}$ $\lambda_{10}^{(91)}$ $\lambda_{10}^{(92)}$ $\lambda_{10}^{(93)}$ $\lambda_{10}^{(94)}$ $\lambda_{10}^{(95)}$ $\lambda_{10}^{(96)}$ $\lambda_{10}^{(97)}$ $\lambda_{10}^{(98)}$ $\lambda_{10}^{(99)}$ $\lambda_{10}^{(100)}$

[illegible][illegible][illegible][illegible]

agncttggca gatatgcgcg gtcataccag atcttttttt acttctttct tttcctccgc 60
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 agcgaccaac ctcttcaact ctggtgacag gacatcctct tcctcttctt cgtttatcgt 180
 ttggcttata tctcaatcga aatcgattat cacaccctcg ttgttaggat cctcanagaa 240
 tcgaccctca tatttatacc aaacaagaca aaagaaacaa atacatgcta aatgatatga 300
 gaaaaggtag aaccacaaga acagatgaaa caagatctct ttgtatattt aataacgtag 360
 gtttcacaaa acaaaagaga aaggaaatct atatgctcta attacattga atcagcggta 420
 tagacttctg attggcttat cac 443

<210> 9211
 <211> 339
 <212> DNA
 <213> Glycine max

<400> 9211
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 cgtaggtgac aaccatagtg aattactaac caagattggg agtttactta aggtcatttc 180
 agatacccc caagcctcgg aaaatacttc gaaaatgggt acaagaagta cctccaaagt 240
 aattaatggt atttatgaag atagtaccca aaactcagat aacacaactg agataggatc 300
 agtgcataa aagaatataa atccaattaa ttccaaaca 339

<210> 9212
 <211> 329
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9212

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 cacatcttat tggctgaatt tcatggatat agctgttgta tcctattcca tgattcttta 180
 atatttctgt tatcatttgt aggcttatag aacatgcatt tgtcgactgc cgctcatcag 240
 cacatgagca tgtttggtat tggatattgg catgcatgtc ggacatatta gtagtagtac 300

aatctaatta ttcaattttg cacttttct

329

<210> 9213
<211> 277
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9213

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tatattatta aatntctgta tgctcttaaa cttccacata aattggatga tgcttcactt 120
aatgactnga gttatgtggt tgctatctat caaatacagc tttcttaatt atatatttga 180
actgtatggt gactttcctg ttagttctta tcatcaaatt aaggggaaaa gtgagattga 240
aaagtattac ttctaaattt ccttcacata caacatt 277

<210> 9214
<211> 530
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9214

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atggagtgta cacacccgac tctcctatta tgtttgtggc tgagggtgaa tctaattgcac 120
gtctgaaaga ccttgcaagt gtcctcacca aactgaattg tgcggggccaa taaatccatc 180
gtatggcgcc gatacgcta aatcccatga atgactttcg gggctgacca ccatggtttc 240
atagacatgg gcatgagcaa caagcggcga aggactttac tcccgttcga ggtcggagca 300
aaccacccc tccacgtgag tgcctctcgg agtgagtagt ctaccaccct gcacctagcc 360
ttttttgtcg aaagacttgt gcatactcga ctanattata tgcgtcgggc cgcgataaa 420
cctaactctt tacgtacctt ggcaagaga agaacataga tggcgtcatg ttttataggg 480
ctgtgacata ccttttttgg acctgtaaca agcattttct cctccttctg 530

<210> 9215
<211> 481
<212> DNA
<213> Glycine max

<223> unsure at all n locations
 <400> 9215

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 naaattatatt atctaatttt ttcctagctg tctctgggcc caacctagag ctaaacttg 120
 tgacgtttta tcaagatttc aagggaaagg gctggtaaaa aagccagttt aacgagcaag 180
 tattataagt aagtttttgt attatcaaac aataaaagct gattnttggt atgaagactt 240
 ttaaaataat tatatatattat aaaaatcata aatttatcat acataataat ttaaaattag 300
 atgacggatga atagtttacc atttattcaa aattaagaag aagaanaatc aatggagacg 360
 gaagagaaga atggaatgat ggagaagtgc aatnngaag caaactcctt tacttcacat 420
 atatcattta ctnggctcat aacgtatcca aagattttgt gaaaaaaggg aaaaaagaaa 480
 c 481

<210> 9216
 <211> 501
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9216

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 aggcttgtgg caaaagggtt aaatcaagtt gctggctttg acttttctga gactttctcc 180
 cctggggtaa aacctgttac cgtcagactt atttcaacat tggctatcac taatcagtga 240
 tcctaacctc atatcttggg ggtcccacaa gcagcaactt gttgctagat cccatacggg 300
 ggcagaatat cgtagcttag ctcatatngc tgcagaaatc ttgtggatgc agacattgtt 360
 gactgaactc aaagttccct tcagcactcc tattgtcttc tgtgataatc aaagtggcag 420
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<210> 9217
 <211> 492
 <212> DNA
 <213> Glycine max

[illegible]

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<210>      9218
<211>      477
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
<400>      9218
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<210>      9219
<211>      520
<212>      DNA
<213>      Glycine max

<223>      unsure at all n locations
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<400> 9219

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tctcactggc tcgcttagcg cagcggtcct ctaagcgaaa gtatcaaaaa actgcttaag 180
tgagtgtaac aacagttaca ctcacacttg ccagatttcg gaaacttcgt ctttgcattc 240
tctctctcaa aaatttgcac attttgcac tgtgctttct ttttgcatta tcaacttcga 300
agcaaaaacc atacaccatc cccagaattc cttgattcct tttctctgtt ttcttggcca 360
nacttcaaga tagaagactt cacttgtagn tntagatttt aggggttaat ggggtttaga 420
ttagttaaga tangactatg acgctgttac tatatgagat gtgccacatt atgttgattg 480
cctttaagct ganaggcaga aacgacttgt tttagnatgn 520

<210> 9220

<211> 413

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9220

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aacctttgcg agattcctca cggaaaacgt tacggaaacg tttcggaagc gcctcggtt 120
atattttctt cacggaaaca atttttcaag caaattcgaa agagagagaa gtgcctaagg 180
ggctggaccc cttccttctt catttcttcc cctatttata gcaaaatagg ggaggtggtt 240
gccgcccagc tcgcccaggc gagcagggtt gcttccttca gaagcaaccg ctttctggag 300
gaatcttctg gagggcccaa atgggcctgg gtgetatntg caccncatn ttactaagt 360
acacnccct ctgctgtttt tggttaattct ttttcgtaaa gtacggaaac tta 413

<210> 9221

<211> 419

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9221

agcttccttg agaagctaga gcttagctac acacncatct aanaactaag ctcacctctt 60

[illegible]

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<223>      unsure at all n locations
<400>      9222
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<210>	9223
<211>	478
<212>	DNA
<213>	Glycine max

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<223>      unsure at all n locations
<400>      9223
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3914

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agccaagctg tcttatggcg agaacgggat tataattaat acaaccocctt gttcccatca 300
agggaacatt tggacatcct tcgcatgaag atagaatctt gattcttcct tccttctagc 360
gagggaaacca attaacagac gcccccccat gctagccaag agttgggtccc aattcgctt 420
tcctttntca acgcacgagc ggtgaccttg tagcggatag acgggcctac cttcttgg 478

<210> 9224
<211> 292
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9224

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attctatcg caccagatcc aaatctagaa cgatgggtga tcaagaggag acacaggaac 180
agatgaaagc cgacatgtcg gctctaaaag aacaaatggc ctccatgatg gaggccatgt 240
taagtatgaa gcagctcata tagaagaacg cggccaccgc tgccgctgtc ag 292

<210> 9225
<211> 472
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9225

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actgttcttc cttcccgca tgcttcttt catgtccgc tgagtgggct tatagcctaa 120
accatacttc ccacgattcc cttgggtttt tatcagacta gttatgccac cattgtcttt 180
gcctaaaccc atcccgggtt cataaccgtt cccaacata actcgggcca tcattaccgc 240
cgcatcggac agacaagggt gccacagag ggagtccacg gaggaatgc tgaccacctc 300
anaagactgg aaagcgggtt ctaacgattc ttctcgggt tccacataag gcatggagga 360
tgggcagctt accaagaata tcttctcgcc tgacacgaat gaccaagtgc ccctcactac 420
gaatntcagc tnttgggtgga gtgtagaagg cacaactccc actgagtgga tc 472

<210> 9226
 <211> 411
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9226

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 cgctaagcca atcttctggc ttagtgagca tccnctaagc gcaacactac tgggctaagc 120
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 ttgtgaagag agtttggact angattcaga gttttgcatg tctagggttt ctagagagag 360
 aaaggtccaa gttctagaga gttttgacag aatctgctgt gtgaagatct a 411

<210> 9227
 <211> 427
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9227

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 tacttttaat ttaaccaac tacccaagat tccttttaaa caagaactcc ttgataataa 180
 tgcaaattta tcttactaaa taaaaataat aagcaataaa tagtaaagga gtttaaggga 240
 agagaaaatg caaactcaga ttatatactgg ttgaccaca cttttgtgcc tacgtccagt 300
 cccaagcaa cccgcttaag agttccacta tcttgcaaaa tccctttaca agatctgaac 360
 cacaccagga caacccttcc tttgtgttca gaattcttta caacaagaga accttgggtct 420
 cttaatc 427

<210> 9228
 <211> 414
 <212> DNA
 <213> Glycine max

<400> 9228

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atcgagtcgc tcgacataga atacacaagc tgtgagataa ttctgacgac aataactatc 120
tactcggatg tacgattgag tcacgtaata tatcgagacg cccgaaattc aatacagaaa 180
ctctgagcaa attctaacga caataatctt ttacttggat gtccaattga atcacagaat 240
atgtcgagac actcgccatt gagtacacaa gctctgagga gattcagata taaataccct 300
ttgactcgga tattcgattg agtgccgtaa tgtatcgata cattcgaaat agaatacaga 360
tgctgtgagc aaattctaata agaaataact ttatactcgg atgtgcgatt gagg 414

<210> 9229

<211> 443

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9229

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ttttgttata tatataccgg ttacgttata ataattgttt taggcatgag ggaactatag 120
ttagatatct cacagtaact aaaaaagtgg ttaatatact tctcataaaa cttaagcaaa 180
tgatccttcc ttgaagtagc tnttggaaag gaattaggtt tggttcattt ctaaagatat 240
atatatatat atatcatang taaaatttat tacgctctga aaaaaaatgg catggtgttc 300
tatactactt tttttttgaa cttcagccat tacaaaanaa cgtcatttga atatgttaca 360
tggcttcgat atgaatcaac tcatcatgag tactacattn tactattatc actttatgaa 420
gtcagtattt tatccccatt tta 443

<210> 9230

<211> 442

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9230

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atgtggcatg acaaagttaa cttttttttc caaataaatt tgagcaagga agacagcttt 120

actttgatct aatgaatttc aacacatgat tagtttaaga ttactataat ctcatagtt 180
 ggtgttgata atgattgctg ctttagtacg gagttgatca aggaatttca gacagtgaag 240
 attacatttt ttttttgaag gagtggtgaa acctgtttct ctgcttttgg aatcctatac 300
 tgaacttttg tctttatctt ttgctgtttg gaatgttagt gaagaacatt agatattgtt 360
 ttaataattg gcatctgtta tgcatactct aggagaatat ctttaagaca ctagaattta 420
 catggctctt cacttggtta gt 442

<210> 9231
 <211> 437
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9231

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 atntaattag aaattctaaa tctctgtaca agtttttctt actagtcctt ctactgatta 120
 aatgaataaa atattgagtt tttttaaaga tatttaaatgt accttttcat ttattacttg 180
 agaatgaatt ctctcatgag gaaacttagt aagtttaata attattcact agttntaatt 240
 aaccacgctc catctattta tacttatgaa gagagagata caanaattca acctatgtga 300
 aattttgaca tgagaggatc tattcctcat tntctttaca tggggatatag gaaagctaac 360
 acggatagn ngntatctta ctcataatat attatttgaa acccttgggt gtgcttaata 420
 cttggnCGAA taaaatg 437

<210> 9232
 <211> 363
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9232

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 tatacataat aataataata caaaataaat atacattcta taataaaata atttaaataa 180
 ctctagaag tatttaccCa ccaagacacg aaaatgaact ccagcaggct caacagggaa 240

gttcaaaata ttntagcacc aacgatttcg ctataagctc tggcgaaaca aggaacaagg 300
 aggaagaagg caatatatta acaccaagc atcacgaaaa tggcgcggtta aataagcaca 360
 cac 363

<210> 9233
 <211> 410
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9233

gtcacctgcc gcatgcaagc ttgtaactct nggcaatttc ttagtcactt aanaagttat 60
 gactttngaa ataatcttca gaaacaagtc acttgaagaa ttgtgacttt tggaaatagt 120
 attttcgaaa tcagtcactg gtaatcgatt accattgagg tgtaattgat tacacatcaa 180
 catatgtgac tcttcattnt gaattttgaa aatcttaaag tttaaaacac tagtaatcga 240
 ttacagcttt tgtaatcagn tngaaaaaca atgcaagcta ctagtaatcg attactacct 300
 tctggtaatc gattaccaga gagtaaaact ctttggtaaa agatttgtga aacttcatgt 360
 gaactcaatg gtttgaaaac tttttagtagc ttatcttnga tgagtcttct 410

<210> 9234
 <211> 225
 <212> DNA
 <213> Glycine max
 <400> 9234

tatgctgtac acatgtatta taaacctcct cagccgcgaa acctacagca atagaataat 60
 catgaccttt aaagcacttg atactatcct agttggagga atcatcctaa tatcagatgg 120
 gctattcctt cacaacacaca acagtatata tctccttttc tgaatgctgc tgggccacgc 180
 aagccatata gttcttcttc aatgcagcaa ttgcaggaac aacaa 225

<210> 9235
 <211> 199
 <212> DNA
 <213> Glycine max
 <400> 9235

gcaagcaatt aatggggcaa aacacaccta atgattatga ttatggatgg ctcaaaatct 60

cacaaatgta aacctatcac tttctaattg agccttcaca attatcatga catgtagagg 120
 aaaaacaagg attgtaaatt acaaaatgtc aacagatttt tatcttctga acgagtagca 180
 atcccttgaa catatccta 199

<210> 9236
 <211> 268
 <212> DNA
 <213> Glycine max

<400> 9236

atatgtcata tagtgttgat aaaaatgttc aaataagtca ccagaatttt gaattgcatc 60
 aaataataaa ataaaatttc aaataactta atgcaaacc aactgagaag ataagaacgg 120
 tagtagcttt taagctagtt catttctcat gagctatata aaataagctt gtgaaataat 180
 aacttaatat tgtcaaagta acttataaag tgatcaaag agcttatagt ggtggttgtt 240
 tcgcccataa tattaacata attattta 268

<210> 9237
 <211> 488
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9237

agctcgcgcc gagaaggaat gcacggagga natgcttacc acctcgaaag actggaaaac 60
 ggttttctaata gactcctctg cggcctccac atacggcata gaggatgggc agctcaccaa 120
 gatgtcttcc tcgctgata cgatgaccag atgcccttcc actatgaatt tcaacttttg 180
 gtggagtgtg gaggggaacaa ctcccactga gtggatccac ggacgcccc acagacagct 240
 gtagggggga ttaatgtcca ttatatgga ggtaactngg catgtgtgag ggcctatctg 300
 tactgngaga tctatctctc ccctaacctc tcggcgggtg ccgtcgaagg cacgaaccac 360
 catngaactc ggctttaagt gggacgcatt gaatggtaat ttctccaaag tgctcttacg 420
 catcacgtnt aaactgggaa cattatcgat aacactntgg ctatgatatg gtccatacac 480
 ttgactga 488

<210> 9238

<211> 467
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9238

gtactattat tttgtatata cagtttctac attaggaagc cttgaaaata agctgaataa 60
 ttatgataag taggccatta tgtcacaact aagccttcta atctgtcttt ctgaacaagg 120
 tgctatttgt ataaatgtct ggcttgtttg tcacgttttag cttatgcatg tacttataca 180
 ccaatttcta gagattctgc gaaaccatga ataataacta tgactgcata gctatgccat 240
 gtaaatttac aatgtagttg ttggatttcc tttttaaaagt tattagttaa atttatgcat 300
 ctattttgtt tattggaaga tgtgtatgta tgtcaaactg ggttatgata tcatatacat 360
 gatgtgtgga atacatntgt aatttcataa atctctcgtg atttcatctg atatatntgg 420
 gatggaacat actagacttt taatgatgat catttttata tgataag 467

<210> 9239
 <211> 567
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9239

cccttgatca ctcgacnccc gatcctctta gtcacctgac cgctgcaagc ttgtatagtt 60
 ctccaattat ggntatttng gagtaaattt tgtaattaaa tcttgtttat ggggtaacgt 120
 ggctctagaa catctncatt ggatttaatg atgaaatcta tgcattttca ggtgaaaaag 180
 aagcttagtt ttaaaattgc aaaagtagca gttgggctaa gcgtaaatca ccgctaagcg 240
 cagcttcagc gcgcttagcg caaaagagaa tctggcagag catcagcatc aaagctgcgc 300
 actaagcgcg agatcagtgc gctaagcgta gcaggttcct tcagctaggc taagctcgag 360
 actgacacct agcctaattt cactttactc gcgctagcgt ganggtgggc gctagcgtag 420
 cgtcgcgatt tcagagtcta tttaaagtct gtcttgtgca aaantanggt acacctttta 480
 tgccaccttt tangacataa ttccagagca gccacaggcc tatttgngaa aaagtgcctt 540
 taagcagana agaggacaac ttgtgat 567

<210> 9240

<211> 281
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9240

cactaacaaa actggacaaa agaaacacat attccaatcc aaattcagtt gaaataacaa 60
 gaacaaaaaa tagaaagaaa taaaaaatat ataaatacga accaaaaatg aggataaaaag 120
 gattggcata tccagcatca ccatgaacaa aaaatcgacc acctcgtcac caccaccaca 180
 aatatcgac cttcgccatc tcagaattnc aaagtcgttt cttaccccaa acctgtcttc 240
 aactccgatg attccatctt cgacttcttt agaaatgtca t 281

<210> 9241
 <211> 424
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9241

ctataaaaga ggaagaagag aaggagaata gacaccaaatt attccagaga atacaattcc 60
 ttatagaagg taaaactaga agcaggaaaa tcaatcatta ggaagtattc cttcccttca 120
 ttccctttct tacttacctt cttcactact cattaccctc ttgcaatggg aaagcatttc 180
 atgacaatga gatgctaaaa cctctcttgg ttggagctta caaccaattg cttttgatga 240
 attactcttc tatctagtaa tgtatttaatt ttcatggctt tttttcgtgc taatttaattg 300
 atggnggttg atcaccatat tatggaagtt taggggtgca tgagaatgtt atcttaaaag 360
 actaaaaang gatataatca tcattataga tatatgattt attagctata tacatgctat 420
 tcta 424

<210> 9242
 <211> 396
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9242

atgcatgcta agctataagc tctacaactg aataacactt ggactcttac cattcttctt 60
 cctcacaaaa ctgccattgg gtggctcgtgg gtatataaaa tcaaataaat aaatgatggg 120

tctatagaaa gatacaaggc acatttagtc acgaaaggat acacttaaac agagggggtt 180
 ggattatctc gataccttct cgccagttgc aaacctcacc accattcatc tnccttttcta 240
 gctntgggttg ctttccatca atggcatctg cgacaactcg atgtgaataa cgccttcctt 300
 cacggtgagc ttaatgaaga gggttacatg catgtntctt ctggacttct agtcacaagc 360
 ccgaaccacg gttggtcgct tcaacgatct ctatat 396

<210> 9243
 <211> 529
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9243

cgctgtcctt cgacntgtga tctcgagtna actgccgcat gcangctnnt atanaagaga 60
 tgacccagag ggtcacggtg aactatctct tcaatggtag ggagggaaaa aaatcaaagg 120
 agctgaattg gagcacgttg aagaatactg gaccacacgc ctgggcttaa cgcattgctgt 180
 gtgacttaac acacaccttt agcgtgaatt tacgaaaatt cctaattttt gggtatttga 240
 gtaatgggct tgagcctgat gtgaatagac cttatggtta cttgttgaca agtgtccaat 300
 tcattttaag tagtaaaaga cctggaagtc cgagtgtaaa ttcaaggagac tttgggtgac 360
 ttaagtgatg caacctcatt ttaagcatga gagaagtaaa agataagact ggagtgtgaa 420
 attgggtcta gaaaagaaga ataaagataa taacatgggt aatgcgaaga gaatcagatg 480
 tgatatatgg actacatgca aactctatat gcatgtatga ttcttatat 529

<210> 9244
 <211> 490
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9244

tgaagcttaa ggaaaagctt gaagaagttt tggctttcac atgcttaact cccttgaatg 60
 gcatttgtat tgggttgtat cttgggtgtt gcaccttagt atatttgata tttgttttgt 120
 attgtgcatc atcatagtat gtgtggagac aattttctaa gttagacaaa tttctttaga 180
 ggcaaaaaca ctctatttta atcgattaca acctcattgt aatagattac aacaagttgt 240

ctgaagcttg tagagttaag tcccatatcg gtttaatcga ttacggcaat attttaatcg 300
 attacaccgc tgtttgagat aatgactgat ttattcaagg gtctccgctc taatcggtta 360
 caaagtggat taatcaatta tttctctctt gtttaagtgt tcagaggtga acaagaacac 420
 tntaatcaat tacttaagtc atctaatacga ttacattggt cttgagtttg tttcaaagt 480
 tggataacac 490

<210> 9245
 <211> 448
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9245

agcttctttg gcatcatgtt gatccgaaag aaccttacgg atcaacttga tccgtanaat 60
 gtatgaacaa cgtttacgga tcaagttgat ccgtaacatt cacgttcaat cttatttttt 120
 taaaaatgct aaatattaca aaaatatcaa agttaagtat actctaagaa gaccaacttc 180
 aagctcttag gcgtgagttt acaaaagctc anaactatat aaaaatctta aattgtcttt 240
 caaggcatgg agcaaaaaac catgatataa accttactta agagatggag tctactacta 300
 ctctaaccaa taatattttg tttcaagata ggatagttta gtgtgcattt gtttgaaagg 360
 aaagaaacaa tgtacaaggg aaagtttgta ctttgttttg tcggatgcac atctctctac 420
 ttttaattcaa aagaatatct tctatttc 448

<210> 9246
 <211> 386
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9246

agagcttatac gaccatattt tatttcttta ttttcacgtg acgacctaca ataatggctg 60
 gtatattctt ccttttgaaa cagcaaaata gtttagagat tatgagcggg nagaaagaaa 120
 tgactccgaa tagagtttg aactggccat tcaggactct atagtgagga ttttcttct 180
 aaaccttaatt attgtgaaaa gagaaagaaa tgaaaaaaaa aagaaaaaaaa aattaccatg 240
 gtttttgta tttaaatcat tactattaaa ccagtcatta ttttggggac gccacaacgt 300

gccctcttgc gggcaagcga aggtgaggct cacgggtgcg ctttccaaag gaggaaagat 360
gcgcggagtc accaccaacg tttatt 386

<210> 9247
<211> 381
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9247

agcttatcca ganatcgaag cactatgatc ttctgctgaa tattaggttg agaaacattc 60
tctaggaccc tgagaacaat catagggaaa aaaactccaa tttctgcctt caatccagct 120
ctaaatcttg acaccagact gatgaaaatg gagcatgaca gttgaaacac aatcaaaaga 180
gttgaagcac tgttcttcaa caaggataga cataagtact gcttgatggc gcctaaaaac 240
ctgctcatcc acaaccaa attaaccatca ggactatctt tgtcatctgg aaaaattatg 300
aagtanaaaa aaaatatagt gtcaagtggg gtatagaaca aagaaagaaa atgttaattt 360
gcattaatga tgagggacaa a 381

<210> 9248
<211> 456
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9248

tatntaaaca atatataatt gatgttntgt agtctatgat caatgtacac atgtaacatg 60
ttataccttt catcattctt ccttcacttt attcttatat tactcttata aaatttatac 120
ataatgctta ttttttatca acttttagtcg agtgcacagc ctctaatttt aaaaaatttc 180
cttacaaata tgttgataaa taaaaaatat ttttaagttat acgaaatctt tttatcttct 240
ttaataaaaa atgatataaa atatcttttt gacaattata tttttaaaact tagtttatga 300
aagaaataat ttatttaa atttctttaa tgatttataa attggcgcaa cccgtgaatg 360
tgtgtctagt tagttttaac agtcaaatac acgttctgta gtattaccac ttaccagtgt 420
aaatggctag ttctaaaaa ttctacaata cacttt 456

<210> 9249
 <211> 475
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9249

agctntctga aatntctgaa tgaagagaga gatattggct ntntaanana aattattttc 60
 ttttcctatt nttttttctc ataaagcact ctccacttgt cccattttta gtggagcaat 120
 aagggccac cttntccct tgatttgact tcatactcag ccacaaagga gaaaaaaaaa 180
 ctgaccttnt ggatgttgta atcctgtctc ggtttgcag cgcctctct ggttccaatt 240
 cctcgcttt ctatgcacc gttggggccc gttttcgaaa gttggcaata tatatatcan 300
 aacgctcaga atgagaccct gagcgtggtt cagagggtgg tttcnngtaa atttaagtcc 360
 cagcccaaat ggataatttt agactaattc attggcgaat aatctataac tgggtccagta 420
 tgggatactc ttcgttaata gtctaaccgc cgtatctttc cccatgtac atact 475

<210> 9250
 <211> 395
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9250

ggccaccag cttgcccagg cgagctaggt tgcttctctc agaatgcacc gccttttggg 60
 ggaacttctt ggaaggccca agtgggcctg gttgctattt gcacccctg tttactaaat 120
 acaccacccc gccttttttt gctgattctt tttccgtaac gttacggaac tttacgaatt 180
 ccgtaacgat acttgttttc tttccgtaat gttacagaac cttacggatt acgtaatcat 240
 cccttttttg gctttcagaa tgttacggaa cctcacggat tntgcaacaa tacttccttt 300
 tgatttccgg catgttacga atcttcacgg attgtgcaac aatgctttct tttgacttcc 360
 ggcacgtcac gaaacttcac gaattgccta acgat 395

<210> 9251
 <211> 419
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 9251

agctntagaa gaccgtggaa ttagccattg gtgtgtggcc tgtgatcttc tgtggactag 60
ttngaccctt ttgcttgaca ccatgtggcc caagtactcc acctgngttt gggcgaagga 120
acatttcgag agcttaatga agaactggcc ctgcaacaaa accttgaaag ccaattccaa 180
atgaagtaaa tggtcattga aggagctact ataaattagt atgtcgtgat gtggacatca 240
aagcccaagc ccatgacaac caccagcccc aggcccatga ctagatggaa gcccaagacc 300
caatacaagg cataggaaga cccatgacaa gagcaagagc taaaaaggca caagatgctt 360
tggacatatg gtgatattct gagggtagtc aaatgcangg agaggccaac acttggagt 419

<210> 9252

<211> 390

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9252

ggagggagaa ctggatgcct tgggtcaacct agtaactcag cttgccatga atcagaaatc 60
tgcacttgca cctgttgcaa gagtttgtgg tctatgttct atagcggatc accctgtgga 120
gcgggagcat ctttaatgaa ataactctgga gncaangagc aacctgaagc ttatgctgca 180
aacatttata atagaccccc tcagcagcaa aaccaacaac aacaaataca atctagggtg 240
gaggaatcat ccaaatttga gatgggcaag tcctctacaa caacaatagc ctgtccctta 300
tttccaaaat gttgctggtc caagcaagcc atatgttctt ccctcaatgc atcagtagta 360
gtaacaacaa caacaaagac aacaagcaac 390

<210> 9253

<211> 433

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9253

agctntaagt ttctgcacac ataggagaac agtacacatt gaattggcat gttatcagca 60
aataaaatcc aataaatcta taattaggtc aattaanaat gtccctttat gcatagaccc 120
acccaaaagc atgggtaatt actaggtgaa agctcatgaa tgcataagacc taccacctac 180

tttatgctaa aattcaatag ttaatcataa gagggtaaca aaaagataag catcccaact 240
 taactntgat atcatgcaaa aaaaccaaca tttcaattat atgttaagct accagacaac 300
 agataaatta aaaaaataaa aagtaaaaaa gagctacttt taagtttcta cacacagtag 360
 aacagtacaa ataaaatagg catgctatcg gccaatgaaa tgcaatanat cttttaatca 420
 agtcaattaa aat 433

<210> 9254
 <211> 432
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9254

tccatcaagt ggtaatcaga gcacaagagc ttcaagtagg tgctccttaa acctocattg 60
 ngtttttgc t taccttctc ttccattggt gtttcttcat ttttctccat gtatctctc 120
 acatgtcttg tgctaaatgt tgtaacatg attctttaga gtttccacca attaaacttg 180
 ctatggaagc tatatttgat tttctatggg tcaaatttat tgttcttggt cttgaaccat 240
 gaattgtggt gagtttaagt tcctttgagt tttgtcttgt tattttttgt ggctgaatcc 300
 taaaccataa aattcttaca aaaatattaa agtagaagaa aacctcacia atctagagtg 360
 acttggtcac ctattgtagt tntgtcatag aagtcatgct tagtcatgaa acttgtcaca 420
 taagatttct ta 432

<210> 9255
 <211> 328
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9255

agcttatcat tacacagtag caagtagctc aaatcatttc actttatatg attaggcact 60
 ttcaacaaga taggtaattt tggcttacat gcacctttac cattgcctat gttaatagga 120
 ttacgaaaag catggcatgc atctcaacca gatgtttaaa attaattaat gataaccgta 180
 taacaagaag cagaatcttg gcaatgaaat cagccgcagc aaagaaaagg aaaaccaatc 240
 agatcccaca aatagttaag ctggtacaac agaattcatt cgacttcata aattaaaaac 300

tatcgcaacc atttacatca caatacct

328

<210> 9256
<211> 371
<212> DNA
<213> Glycine max

<400> 9256

gtctgcgccg gggttaaagtc ctacaacgat actcttcaaa tattaagagc cttgtgcagc 60
tgaagaagct taacctactg ggggttaaaga ctcatgattg tcacatgttg atgcaacaat 120
tggttagccgt ggtcatacga gacatattgc ctaacaaagt cagggttagcc ataactcgcc 180
tgtgtcttttt cttcaatgcc atgtgtagca cagtccttga tcctgtcaag tttgatgacc 240
tggaatacaaa ggctacaatt atactgtgcc agctggagat gtattttcct cctgctttct 300
ttgacatcat ggtccactta attgtttaac tggtcagaga atcaaagtgt gtggtcctcg 360
ttatctgtgc t 371

<210> 9257
<211> 219
<212> DNA
<213> Glycine max

<400> 9257

cccccccccc ccccccccc cgcccccccc ccccccccc ccccgggccc cccgggcggc 60
cccggcgccc cacataattt cgggcgcgcc cgcccccccc cccgcccccc ccccccccc 120
ccccgcgccc ccccccccc ccccccccc ccccccccc cccccccgcg gccccccgcg 180
cccccccccc cgcccccgcg ccccccccc ccccccccc 219

<210> 9258
<211> 316
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9258

tactaatggt ctcccttatg ggacagntga gatcaaaagc gactccacaa accagagctt 60
caaggtaaat ggacaccgac ttaacccttt actcacaac ccttcttttag tggacgtaat 120
ggtggaagag acttccttac tccaccctac tcttctcta ccatgactta ngcgagtttt 180

ctttcccatc tccttcttta cttttattac attattccca ttctatttga tgatttaatc 240
gcttttaatc ttctaactgt gccacattga cgacaatgtg ctgtttaagt atgacggggg 300
ggggacctaa tccgac 316

<210> 9259
<211> 499
<212> DNA
<213> Glycine max

<400> 9259
agcttcgatt ggtgaaagggt atgttgctga agaattcttt aagtattgct cgcagtacat 60
tgaagctgct aaattctgtcg gggtagctaa acctcgatcat gtggcgacac tagggggcaa 120
gggtacacaa ggctacaatg ttgtgacaat gactcgccac gagatctcac aagcacatct 180
atatatattg aataatgcag cagagggtcat tccatacata gatgccaca aaaaagaagt 240
caccgcactt aacccaaaat tcaacatgat gaggggtttg caagagcaca acagaacttt 300
catgaagtgg tttagacaca caatatttgc tgatgaggct acttcgaaaa cattacgaaa 360
tgtagctctt gggccaaatc taaatgtttc gacgtggcaa gggtagcaca tcaacaatta 420
ttccttctat actaagtccc aagatgagaa aagctcgatg caaaatagtg gggcgactgt 480
tgatgctgat tcggatcac 499

<210> 9260
<211> 496
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9260
gcttatttct cactgggtcct ggatcaattg catggagaaa ggtctccata tacattctaa 60
tcaatgggtcg tcttgcttaa aggaggaaat agtcttatgg gtttttgtgt ttgggtaacc 120
acctatcggtg gtttaattntt tgtaattggg gatggcagat tctgccttgt ataatatgtt 180
ttttcagtac atctagtact gaccctatt aatactatca gatttttgct gtgcaaaaaa 240
aaaaaagagt taagtacaat tacactatat tcataatcaa gtttcagttt tcacagtatt 300
gaagcttttg aaaaaatatt gaaataattt tctcaattca caacaaaatt ttattcacca 360

taacgacaat cttatntttt ntattcttcc atttataaat tggttttcat ctattatttg 420
 aaatacggta agctcacaat atgaacctga caccaagata ttgtgacca atttgtgtat 480
 agaatcagtg tatata 496

<210> 9261
 <211> 212
 <212> DNA
 <213> Glycine max

<400> 9261

ttcatggtag ctaagccgaa ttccttacgg caatgtgagc gctaagcgag tccttatcag 60
 ctaagegcat gtcctctgt acttaagatg catcatttta gctaagccag ccattgcctt 120
 gcttagcgag agttgcaact tttcggatct acaaacctcg ctaggcagtc ttatcctagc 180
 gctaagccaa gcatgtgtgt taaaaaaact ga 212

<210> 9262
 <211> 430
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9262

ccctcttttt cctcttctct ttcaccaata ttaagtagaa taggcttact caaagtttta 60
 ggaattttac ggaagcatta cgagagcctc gaaagctgcg gaacatttta ttttttttat 120
 gnggaggagc tttataagtt caccctctcc cctttgctaa atgcactcct ttntattttc 180
 acacccctgt ttactaaata cactccctt ttgctttttt ttttttgctg attctttttc 240
 cgtaacggta cggaactcta cggattacgt aatgatactt gttttctttt cgtaatgtcg 300
 cgaaacttta cggattacgc aaccatcccc tctttgactt ctggaatgtt acagaactnt 360
 atggattgcg caataatgct ctctttcggc tncgacatgt tgcagaactt cacggattgg 420
 ctaacgatgg 430

<210> 9263
 <211> 491
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 9263

atcctctaag cacctgcggc tgcagctgct ttacatgatt ctgtttgaac tgccctgctta 60
ttgaacaagc ctttaccaaa tgaacaagtt ccctgagttc gatactccat tcacaccggt 120
ttaattatctt acttgacgac tcagtgcact tgctggtaga ttntgcatcc acacaaacaa 180
gtagtatccc ggagagcgaa acaagtattn tggcgccggt gccgaggaac tttntccatt 240
ttggaaagtt agttcagttt gaaggcatta attcattatt ctttggatta ttaattnttg 300
gttntggtag tattttttga gttcagaatt tattttcttc ttcgaatggn taactactgg 360
ctctattagt gtttgcacgc gtagatcttc tgcaggtgaa ttggttcatt ggattagaaa 420
ttgaagaacc ttcagaagaa caacacagag agaaaaagaa aagctttgac gatagaacag 480
tagcatcaat c 491

<210> 9264

<211> 376

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9264

acatgagtta catgaatgcc gtaaaatgat tgggtagaat tagtctaatt ggtgggttaa 60
attgctacac catgatgaac acattgcacc tagattggtg tagagtgtta atttctttca 120
aaataatatg cactgagttg tgatttggtt tattagttgc atgataacac atgcaattag 180
caaaaagaaa aaaaaaaccc caagttgatt gacttcttgc ttgcttanga taactgacat 240
aatgggttgcg tatttcatgt aaactaactt tttatggatg cgtcattgca ggcaatggct 300
ccaaagaagc ttctcactaa aagggcaagg aaggatgccg caagggaggg atccaaaaga 360
acccacaag cagaaa 376

<210> 9265

<211> 433

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9265

agctntgctg atttagttnt caccgacgaa aggatcatag tatgtgtgaa aagaggcata 60

tttaatcatc atgctttcat gaaaaaaact ggngcaagta aagagggtga gaatgaggga 120
 gaaacccatg ctgtgactgc cattcctata cagccaagtt tcccaccaac ccaacaatgt 180
 cgttactcag ccaataacaa accttctcct tccccaccac ccaattatcc acaaaggcca 240
 tccctaaatc aaccacaaag cctgtctacc acacaaccaa tgctaaacac caccttttagc 300
 acgaaccaa acaccaacca aaaaagaatt ntgcagcaaa aagcctgtag gattcacccc 360
 acatttcgat gtcatatgct aaacttgctc tcatatctac tcgataattc aatggtagcc 420
 ataaccctg ata 433

<210> 9266
 <211> 465
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9266

tgatgataac aatgatgaca acaaaagatt atgacaaagg tgatgaacaa aaagctcana 60
 gatcatctca agtgaatcaa gaacaagtca agagttcaag aatcaattag aattcatgac 120
 tcaagaagaa agcttagaat caataatcaa gattaaagat tcaagatctc aagaatcaag 180
 atcaagattc aagattcaag aatgaagaan agactcaatc aagataagta ttaaaaagtt 240
 ttttttcaca acattgaata gcacatgagt ttttgacaaa acctttacga aagagttttt 300
 actctctggt aatcgattac catattggtg taatcgatta ccagtagcan aatgagtttg 360
 aaaaagttnt caaactgaat ntacaacggt ccaattatct tcaaaaaggct gtaatcgatt 420
 acaatgatgt ggtaatcgat taccagtgcc ctcgaacggt gaaat 465

<210> 9267
 <211> 395
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9267

agctngngct ctngcctcac tcaccagcct tttggtttca tttctagcta tcttatactt 60
 atcccaagggt tcagaatttc tacatctaga ccactccttg anacactcct tttttactct 120
 aactttgctc tgaacatttt cattccacca ccacgattct ttacccttag gtccaaaacc 180

tctagattca cccaacgtct ctttagccac ttttaataatc tcttatctac caaattgtga 240
catccgcgtg aaaagttatg accatgcgaa tttctcgagt acttccattg tgcaatatcg 300
agcctctcga tatattacgt cccacattct gacatccgtg tgaaaagata tgaccattcg 360
aattttctcta gagcttccgc tgttcagttt cgagc 395

<210> 9268
<211> 379
<212> DNA
<213> Glycine max

<400> 9268

tgcacaacgg aagcactcga gaaattcgaa tggtcataac ttttcaactcg gatgtccgat 60
tcgcggggcat aactcatcta gatgctcgaa attgaacatc ggaagctctc gagaaattcg 120
aatgggtcata acttttcaca cggatgtccg aatttaggac ataatatatc gagacactcg 180
aaattgcaca acggaagcac tcgagaaatt tgaatgggtca taacttttca cacggatgtc 240
cgaatttggg acataatata tcgagacgct tgaaattgcy ctaccgaagc actcgagaaa 300
ttcgaatgat cataactttt cacacggatg tctgatttgc ggacataact catctagacg 360
ctcgaaattg aacaacgga 379

<210> 9269
<211> 455
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9269

agctngaact gtgaacaaag cacagcctac cagtatgggtg aaaaagaaat tgaatttcaa 60
tttaattatg aagactgaca attgtaaaga attgagcccc taaacaattg tccatagagg 120
cagcaagcaa ggatcaactc tcttaaaaaac ttaaacatct aggcctagtg cagaacctaa 180
gcattgagcc atggccttga aaaccatcaa attatatggc taaaacaact acaatgagct 240
aaagtttgggt caaataggac aaattatatt gctttccctt cttaacatg tatatattaa 300
tgtatntttt tcatatatct tagcatgcaa aatcttgtaa agatatgctt gatgaaaatg 360
aaaaaaccat aatacataaa cgaagttctt gagtagctta aatgtctatt cttgatacta 420
gtgtcaatgg atcctattct attcaactta caact 455

<210> 9270
 <211> 441
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9270

tggcattgga atggcgaaaag cccactcca tcattaggat tagtacctga catctcanac 60
 aaacaaatca aacgtaacaa gacaattata gttgctgttt gaatacctca cccactcaag 120
 tgtatcacac aattatggct tttctctaata gaaacactct tgcctttttac cactctaatt 180
 ccccttgagt tcttaggtaa ttcaagagat tatggccaca acaaagaaca attcaccaat 240
 atgtgtaagg taaggctaga gagacaagga accaagaaaa atgctaacaa tgtttttagg 300
 cacaaatgaa ggaaataaaa ttcagaattt aggaattcaa gtaacaatcc ttcattgcaac 360
 caatatatta ccttatagag attntttttt aaaagttctt caagcatgaa ccattcagcc 420
 caattntatt ttttntttt a 441

<210> 9271
 <211> 306
 <212> DNA
 <213> Glycine max

<400> 9271

agcttgagca aattcaaacg acaataactg ttaactcgga tgtccaaatg aaaccgtaa 60
 tatatcgaga cgctcgaaat tgataataga agctcatagc atatgcaaac cacaataact 120
 tcttactccg atatccgact gagtcccga tttatcgag acgcttgaga ttgaaaacag 180
 aagctctgag caaattcaaa cgacaataac ttttaactcg gatgtccgat tgagtccat 240
 aatatatcga gagctcgta attgataacg aaagctcggt ggaaagtcaa aagacaataa 300
 atttta 306

<210> 9272
 <211> 388
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9272

acgacaatta cttntactc ggatgtctga atgaatcccg taatatatcg agacgctcga 60
aattgaaaac agaagctcat agcaattgca gacgacaata actgtgagcg gcggaagata 120
ataaatatatt ccgchanaca ccgagacgct cgaaattgaa tacaaaagct ctgagcaaat 180
tccaacgaca ataactttta actcggatgt ccaaataaaa cccgtaatat atcgagatgc 240
tcgaaattga aaacagaacc tcgtagcaat tgcaaaccac aataactttt aactcggatg 300
tacgattaag tcccgtataa tatcgagacg ctcgaaattg aaaacaaaag ctctgagcaa 360
attcaaacga caattacttt ttactcgg 388

<210> 9273
<211> 428
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9273

agctagaaga ggatgctnta atggaggana agatagagag aaggagcttc aagttaggat 60
gctntaatgg aactttgaag tgtgtctcat aagactttta tttatcaaag ctacaacaag 120
tgttacacat gcttctattt atagactagg tagcttcctt aagaaaactt ccttgagatg 180
cttctttgag aaaacttcct tgagaagcta gagcttagct acacacaccc ctctaaaagc 240
taagctcacc tccttgaaaa gcttccttga gaagctagag cttagctaca cacacttctt 300
taataactaa gctcacctnc ttgagatgag cagctagagc ttacctacat accccaata 360
atagctaagc tcaccncat gacaaaatac atganaatac aaanagtcc ctactacaaa 420
gactactc 428

<210> 9274
<211> 415
<212> DNA
<213> Glycine max
<400> 9274

tgccaccag ctcgccaag cgagcagggt tgcttctctc agaagcaaca accttctgga 60
ggaatcttct ggagggccca agtaggcctg gttgctatct gcaccccat tttactaag 120
tacacccct acctttttt tggtgattct ttttcgtaa agttacggaa acttacgaat 180

ttcgtaacga tacttgtttt ctttccgtaa tgttacggaa ccttgcggat tacataatca 240
 tccccTTTTT tgacttacgg aatgttacag aacctcacta attgtgcaac gatgcttcca 300
 tttgatttcc ggtgtgtcac ggaaccttac ggattgtgta tcaatatttt cttttgattt 360
 ccggcatgtc ccggaacttc acaaatggcc taatgatggg tgccaagcac ctcac 415

<210> 9275
 <211> 376
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9275

agaagataaa atctctgatt cattccttga aagtggttgt ctaaactttt tattnttaaa 60
 gaacaacacc tcatctcana gagttcatca tttccaagcc aaatacacat ttatactttt 120
 aaatatattt tttttattcc ttaaccagta tccttatgaa caaggaggat gaggcanaag 180
 agtgagggtt gaaagaaatc caagcatgtc atgccagctc ctgttcctca ttggatcctc 240
 tttgtccatt tcgactgtcg gctntgtcac tagcaccgaa ttctatcatt ctgtataact 300
 gccagaattt ntggtttgtt ttgtntgat ggcananata aaatactttt attaatcagc 360
 aatagaaata tagcag 376

<210> 9276
 <211> 489
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9276

ntctcatatt acttctccac aagctacatt ttaacctatg cataaactag ttntagttta 60
 tgaactagtt ntagtttatg gagaagctta tttcattttt tcttttattt tcttctctca 120
 taagtattta tggagagatt tatccaaaca aaaataccat gaagaacata aaattagtc 180
 gcttaacctc aaaagtacaa agaagggttaa gtcaattcat aaactatcat tatgttgtaa 240
 cacttacaat ttgtgtacaa agaagggttaa gtcaattcat aaactacagc agttaaatca 300
 tctccccgt atatatgttt gactntgaat gccacattcc ggtccatgca atgagtgagc 360
 ctctttgtga tgttgaggtt tattcccagc caatggcatg aagctcgatc aggttggttaa 420

tttgactaca gcatccattc actagcaatg gcaactcgct gacactaata tattcttgct 480
 atatgactt 489

<210> 9277
 <211> 421
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9277

agctatgagc catactattc caaactaaaa cttctgtacc aaatcgacga aaggtgttgg 60
 aacttgata catactgatg ctttttggtat tgcaaaaaaa tggaacatct tagaatgtgg 120
 attttggctc aactcaaccc caaaagctat ctcttatggt gagaggtgcc ctccacttat 180
 atactctatc ttggtactat cgctagtcaa tgaaggactt ggattgtttt caatacacc 240
 cctcacgtcc aagcactttt gagcttggcg tgtggataac atgggtgggtg accctttgaa 300
 tggatctagg ataggctcta ataccatctt agaatgtggg tttaggccta actcaaccgc 360
 aacagctaac tcatanggtg agggtttccct ccacttatat actctatctt ccactatctc 420
 t 421

<210> 9278
 <211> 398
 <212> DNA
 <213> Glycine max
 <400> 9278

tttaaata tgattataat ttattaaaaa atattatctt cattattata tgctctatgt 60
 caaatcttca atcattctaa agaataataa attatttttt taagggttta tttccaatt 120
 cccacacatg aatgtatcta tcaaataatta aattagtaaa aaaaatattt caaataaatg 180
 atgagaaaat taagtactcc aatatacaaa ctttaaaatt aattaactcc tttaaattaa 240
 tgagctaaag ttaagttttt ttttttcttc cacaattgag gctaaactct aaattcttaa 300
 cacaactaca ctccacaata tcaataaatg tgttttaaaa aagatcataa acatcaatat 360
 tcaaaatata tagggataat ctctcatgca tcttaatt 398

<210> 9279
 <211> 464

<212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9279

gcttgtagac ataactcggg ttggttgata tttataatta cactagccta tatgactcan 60
 acaacaaaga cactaaaagt agagaattac ataccctgca gaagagcaag aatattaata 120
 attacactag ccactgtgaa aatttcatgg caactaattt agtaactact taaagcagaa 180
 gagcaagaat attaataatc ttacctcaat gccccctcca agaccttcaa atacattttt 240
 cagattttcta gatgcatccc agacttgaac aattccatgg aagcacctg atgcaagaaa 300
 ctgtccatca tagttaaaat ctaaacttga tacacaatct ttatgaccta cacaaaatca 360
 atgacaaaact cacgatggaa attcaatcaa ttgagagtaa catgacatta ccaatcatga 420
 tgtcgaacct atcctaatta gaaaaataca catccagtag tagc 464

<210> 9280
 <211> 439
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9280

ctaagcttga ctaccaaca tggcgagttc aacatgcttt caacaaattt cttcacattt 60
 aactatcatg aagcagaaac ctagcaaaac taccatcat atctcccaa acccataacc 120
 cacgaacatc aagagagaaa gaagtctacc caaacctgaa atttcgaggt cccacacgta 180
 gagatgcgct tcacgactct gaaaatgcct tccttttgcg atttgagca gaagtgggca 240
 ccaaagggtg gagctttaat ggagtttcaa tggaggatga agaagaaaga aaatggcaac 300
 gtgagagaga gaaaaagagc tgtctaaaat tatggggctg agtgaagaga gagagagtgt 360
 tgctttctgg tttaaaaagg ctntttctct cttctattan tttaatttaa gctatgccac 420
 atggtctcat ttgagtga 439

<210> 9281
 <211> 421
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations

<400> 9281

agcttggcaa catagttgac acggaaggga tatctnctct atatagaagc ataatatcat 60
ctgcaaaagt caaatgagat agctgaatac atgcacaatt gggatgaaat ttaaaattgg 120
catcatcctt aagactgctc atatctctgg aaaagtactc caaacaagc acaaacagat 180
aagggaagag aggatccctt tgtctaagac cccgctaccc cttgaagtgg ccataaatgg 240
atccattgac tgtgacacta aaggaaaaag ggtcaacaaa aatacaccaa tgaaaacata 300
tttttgtggg gtaagtatat aatagaatca tgttttttgg ttgttaaatg atagcgaaaa 360
agttatcgac ggaaacaaaa tttatntcat atatatacaa acatgtacaa cgagtgaat 420
g 421

<210> 9282

<211> 353

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9282

caggatcata ctccagcatt ggttttacaa ccctattgag agaagaataa cagcactgtt 60
agtgcattcg tgtcattaaa ttctgaaaag attcagttaa tgccatcaac aagaagctat 120
ttgagggtact gctgcaatca aaccattatc tactctcgca gatgttccat tccccatgtt 180
tcttggtcac agtgcgatat catagacaca aaaaagaggt tgaatntggc tctagacttg 240
gtcaagagtg aacgacacac ggaaaggata tatcacattg gtatgtggaa agaaacaaga 300
cagatgacgg attccaaatt ttctaactga tagttttaat aaaactaata aat 353

<210> 9283

<211> 284

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9283

cgagtatgac agtcatcgct ttatgagcgc tgtgcaccag cagcgcttcg aggcccatca 60
agggatggtc gttcttcggg agcgacgcgt ncagctcang gacgacgagt atacttgatt 120
ccaggaggaa atanggcgcc ggcggtgggc accactgggt actcccatgg ccaagtttga 180

tccagaaata gtcctttgag tttatgccaa tgcttggcca acagaggagg gcgtgcgtga 240
catgagatcc tgggtaaggg gtcagtggat cccgtttgat gctg 284

<210> 9284
<211> 436
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9284

agcttagctc aacattggcc agcttagcgg aacaaatcag cctcagatgc aagggttggg 60
cgctaagcgc ttgagactca caacttagcg cattaacaga gttgcgctta gcgcgaggct 120
tgtgcttaag gaaaggacta tttttcagaa aaaagttttc tgagttattt ttcagtcctt 180
tttccaagaa attgaaaccc ttatgttaaa cattcaaaga atgggttgata tactcctatg 240
tacagattat atagcangtt ccaaattgatt aaatgcatga naaacanaga caacagaaat 300
taaaactggg ttgcctccca ggaagcgctt ctttaacgtc attagcttga cgcttttacc 360
tcaactgggtg atcttatgtt ttggttctta ctttcaaac ctcttgacct cccttcatta 420
cctgtaacca aacatt 436

<210> 9285
<211> 356
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9285

gcttataagg gcgtccaaag gtgactntct tctgaaaccc acttttgggt gggtccaatt 60
cctgtgaggg atccctccta tgtttctcan acagattcct agcgaatatt gtttgagtga 120
ttttctttgt ttgcacttc tgaagggttg tccatgcaaa agttagtgtg acctcagtgg 180
atggacaaac acgttgagtt ccagggtgcta gtcagtgtgg ttgcatcttg atgacttgtg 240
actgcattgg acgtgtccac tgaggaggct gtaaatgaac tatggtatct aaaggaagag 300
ttgtaaaggc ttcagatgag gtgtgtgaat agacatatca agtccacctg tggagc 356

<210> 9286
<211> 383
<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9286

atcgaagtgg ttctgaatag aggaaaaatt gatcatcctg ctctgatgaa tgggaagcct 60
gnggcaaata gagaggatga gaataaggaa gcaacccatg ctgtggctgc cattcctaca 120
tggccaaatt tcccaccagc tcaacaatgt cattactcag ctaatatcaa ccccttttcat 180
tatgcaacac ccaaccatcc acaaaggcca tccttaaadc aaccacaaag cctgtctgcc 240
gcacatncaa tgccaaacac cacccttaac acanacccaa acaccaacca gggaggggat 300
attccagcga aaaagcctgt agaattcacc ccaattccgg tgcctatgc taactngctc 360
ccatatctac tcaataattc aat 383

<210> 9287

<211> 326

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9287

agctttanac aagctaccaa acaaactata actataaact ganatttana agttgaactg 60
gaaattaana actaaagcat aaacataaaa tgtactaaag aaagaataat aataaagatg 120
ttcaaaatgc aagaaaataa agatcctgtc aaacatccta tgaatgatcc tctgcatgct 180
cgttcaggtc cagtgtggt gcagatggtg gatcctgaga aatangcaac tntggcactg 240
gtgtagatgg ctctgcctga gaagatataa ttgaatcatc ctcaaaaatg aaaggctcaa 300
gtggagaggg ctgagagatg ttagta 326

<210> 9288

<211> 373

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9288

ttcacttttc ttgtccaac gcgagctctg accactgttc ttncttcccg cgatgcttct 60
tttcatgtcc gcctgagtgg gcttatatcc caaaccatac ttcccacgat tcccatgggt 120
ttttatcaga ctagttagtc cgccattgtc tttgcctaaa cccatcccgg gttcataacc 180

ggctacgttt aaagtccagt gggagtacta gcaagttggt gaaatccagt gggtcactac 420
aa 422

<210> 9291
<211> 464
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9291

agcttatcca tgcctcctta gtggatgttg catcanaaat cttctcgaac gcaccatcat 60
ctaatecttg atagatgagg aagagagctt tcttgtctct ctttcttgaa tccttanaag 120
tctattnttg tgcttggggt agtgaagtca ctactagaaa ataaggtttt aacattgggt 180
atntaggtact ttcaagatcg gttattaaca aatggtgaaa gtaccgacgt tgaaagtatt 240
aacgttaaca tcagtttttg aaaactgatg ttaacgtaaa ataacaacat cagttattta 300
aataaccaat gttatataat aagaattaca aaaaanaggt atatatgttc ataccaacgt 360
tgacagttaa catcgattnt tcattcaaaa ccgatgtaac ttccanacgt taacacgttt 420
aacatcggtt ttttaaaaaa ctgatgttag ttacaaacgt taac 464

<210> 9292
<211> 485
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9292

gggactagct agtgatggaa tgaatccata tgacaattta agcactcaac atagttcatg 60
gccagttcta ctagtaattt acaatttgct tccttggttg tgcattgaagt gaaaatacat 120
gatgttgtct atgatgatat caggcccaac acagccagga aatgacattg atgtttatct 180
aagtccgttg attgaagact tgacaaagtt gtgggacgag gggatttttag tgtttgatgg 240
gtttcagaat gagattctca aatgtgtgca atgctctttt gtaccattaa tatcattcta 300
gcatatanga atttaagcag ttacagtgtt aagggtcatc atgcatgcc catctgtgaa 360
gaagacacaa gctacatata actgatacat ggtagaaaaa cagtctacac tatgcatcga 420
cgttttctaa aacctcatca cccttacagg gcgatgaaaa agcattaatg gaagtcagac 480

atgaa

485

<210> 9293
<211> 409
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9293

agctngtggg attatgggggt acccgtcata tgtggtacta tgtggcgatc gggcgatggg 60
gcaaatcaac tctcccatat ccacaaatca aacatgaacc caccatgccc agttgcccac 120
cttcaactga gctcacgtac tctacgtag cccttatect cgttcctctc agcaccgggt 180
gcccataaac cctccaagc ttgcacaata tccaagcaat tcaatttcca aatatcatga 240
actaccctaa accaagaaaa cagggcagag gcagaaaact ctgccccaaa cacattcaca 300
tattacaact ttccttactc agatatccca gtaacattct ctttgggtccg gttcggttaac 360
cattggatcg acttgaaaaa tttactggag gttcctagta catacatct 409

<210> 9294
<211> 499
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9294

nggaaggtag tcataacctca canaatatat atatatatat atatatatat atatatatat 60
atatatatat atacatatat atatatatat atatatatat atatatgtgt aggtagagag 120
ataccttgga tatgcatgta tgtagcaca aaaatttcac aaaatatata tatgtgtgtt 180
taggtagcaa gataccttgg atatgcatgt atatagcaaa aatatctcac aaaacatata 240
tacgtatgtg taggtagcaa gatacctggg acacacatgt atatatcaaa atacctcaca 300
caaatatatg tatgtttagg tagagaaata ccttctgaga naaaagagag cgagcgcgac 360
aagaactaga agacaacaaa catagagaga catattatat anaaatatat acaatcatta 420
acgttgtcta gctacaaaac aacatgcgtg tgagaagaga tactatcagc tcttccttga 480
aatgcactg atcataccg 499

<210> 9295
 <211> 423
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9295

 agcttcttag tttcagatga tgcagatggg cttgtagcta cctcatgcac tcctctaatag 60
 actatggcgt catttctggc gctaaactgt tgggagttgg aagccatctt ctcaattaaa 120
 tntttggcct cagcaggagt catgtctcca agggctccac cactggcaac atctatcata 180
 cttctctcca tatttctgag tccttcataa aaatattgga gatgaagctg ctccgaaatc 240
 tgatggtgag ggcaactggc acatagtttc ttaaatecgt ccagtactc atacaggctc 300
 tctccactaa gttgtctaata acctgagata tctttctga tggttgtggc cctcggaagc 360
 agggaaattt tttctaagaa tactctctta aggtcatccc agctcgtgat ggaccttgga 420
 gca 423

<210> 9296
 <211> 502
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9296

 ctgagaattc acccaagagg tttagattaa tgcgtgaact taatttgata tcatatatta 60
 gatcaaacac tactcattac tagactaaaa gatgtagctg atggtaaaaa taaaattctg 120
 ttaatttcct caaagaattt tagagttaca actaacttaa gagtatggaa attaaattca 180
 tcatggagta ctgtgagatg ttaaattcat caaattcttg ttggaatcgc gttaaccaaa 240
 ttaaataaaa tcaacacatc ttataaagtt ttaaagtcaa tatatagttg aaagtaaaaa 300
 ttaactgttg atcatattaa gaattgcaaa gggagaaagc atagccctta aaagtctttn 360
 tttttacata aaataaatag taagtttagc attactactt tctatacgta cattntacgg 420
 ataatttcat ttgaaaaata atgctactca naataaatgc atatatatta ccatnngcta 480
 taaactatta caataattat gg 502

<210> 9297
 <211> 343

<212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9297

agcttcaggt tgctcattaa ctccagatcg ctgcanagta tgacaaagat ctgcatgggtg 60
 atctgcacaa gaacatatac cacaaactct cgcacagggtg tagagttctg attcatggca 120
 agctgagtta ctacgttgac caatgcatca cagtttcctt caagctgttt atttccagaa 180
 tatgaagatg aatgcgtggc cacctcatgg actctcttaa gaacaatagc atcatttctt 240
 gcctgaattg ttacgagttg gaagccatct ctctatcaaa tttctagcct caacagggtg 300
 catatcacca aagagctcca ccactggcat ctcaatcaat act 343

<210> 9298
 <211> 346
 <212> DNA
 <213> Glycine max
 <400> 9298

ctataatact cagctatgat gatcattcta tactccttcc acagtgggtgc ctcaacaccg 60
 aagcttgcat actacgcgta taatctgtag catggagaga cgtgggaaag accaataact 120
 tgcagggtcat tgtatggttt attttttggg ggatacaggg gattctagta tacatacaga 180
 ctacatacat atatagcaca tatggtacat tgatagtggg tctttcattg cttttgtttg 240
 ctctgggtat agtttctttg gctataacca caogcatatt tgcaagacgt actcgggtac 300
 ttcttggtata gcatactgtg tacttgggta ctccatgtgc aacgtt 346

<210> 9299
 <211> 402
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9299

tattggatgc tgannnattt tgtacttgat gtgcttaaca tatcttantt tttcattcta 60
 gcgcactgnt aaggtatatc attagaaaga tggatgtctc acgggtcacg aggttgctaa 120
 cttacaccaa atatgctgtg tatggtcgtc tctgtccaaa gntggatggg gaaggtgaat 180
 cgtgtaaaat actcagaaca aacttctgtg agttccctta accctaaagc ttacatgana 240

gcttacacaa tgatttttca ctctaatttt gctttttgcy atttcagatt tgctgtcaag 300
 ctagcttttc agtttcatgt caacgttaaa tatcttcgca tctactaacg gtcttacagg 360
 nagaatgtnn tacctatatt tgattataat ataccttaag tt 402

<210> 9300
 <211> 436
 <212> DNA
 <213> Glycine max

<400> 9300

tatagttagt gtcccagagc caccaactcc aatgttacca aaggaaaaca ctaattcaga 60
 ggcactgttt gcgggattca ttaaagtcta aaattggata cagtgaagtt cattaatttt 120
 ctttatttgt tcatgtagta tttgcaaaag gattttttta aaaataaata aatgtacgta 180
 tgtttttagtt taacattact agtaattttt aaaataagaa accaaatgat taagtaatac 240
 taccactatt aatgtaatga ttttattcat ttatttgtat taatatcaca actatatcaa 300
 tttttaatct aaaatacaat atttttcttc ctttccaaaa ctcccaaagt aataaccttg 360
 ttttctcttc cccgcaacgc ttcaaccatt ctcttacagt gtccgtcatc ttttgacgcy 420
 tgggtggtata aatggc 436

<210> 9301
 <211> 444
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9301

cgagcagggg tgcttcctcc agaagcaaca accttctgga ggaatcttct ggagggccca 60
 agtggggccag attgctatnt gcaccctcat ttttactaaa tgcaccccc tttctatttt 120
 tgtaattctt tttccgtaac gttacgaaac tttacgaatt tcgtaacgat acctattttc 180
 cttccgcaag gttacaaatc ctcacggatt atatatttta ctctttttta ctttctgaag 240
 aagccacgga aactcacaga ttgcgcaaaa acacctcttt tcgacttccg ccacattacg 300
 gaatttcacg gatcgacaaa gcctgcttcc ttttgatttc tgagacgtct cggaacttca 360
 tttattgcat gtcacaaagt aataatcccc ggacgaaaat aggggatgac agttgccctt 420

ctctacttac ctctcatcgg agat

444

<210> 9302
<211> 431
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9302

caagtactaa gaagaatcaa aactagccac gacccatgag cataaagtgg cggacgaata 60
tgcctgagtg catgcggaag aggaggctag aggaagggtg attgactcgt tacatcaaga 120
gggaacgatg tggatggacc ggtttgctct tactttgaac ggtagtcaag aacttccctg 180
attgctggcc aaggccaaag caatggcgga cgcctactcc gcccccgagg agatccacga 240
actcctcagc tattgtcagc atatgataga cttaatggcc catataatta ggaaccacta 300
cgaagttngt attgtcactc agatcttgac tagttataac tntctgaata aaatgagttt 360
atctcgcgtt tttactccaa aatcagtgcg aatcaaatca ctccacatt ttatctctgg 420
catacattca t 431

<210> 9303
<211> 249
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9303

aaagaaattc cccgatcaaag atcggaagaa agaaaagaaa atccccaatc caagatttgg 60
agaaaacaaa agaaatatac agaaagggtct ttggaccaga caatatctga ataacatgca 120
gaattgtcac aaacaagaaa aggaaagaaa ggaaactang gcttgcgaca catgaagtgg 180
tccccctttt attaccaacc aaaatccttt gtgtcggcaa ctctttcgcc tcgcactana 240
caciaacag 249

<210> 9304
<211> 429
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9304

tttcagtata aaatggggat tatatcacct tttgcatatt caacatatta tattggatcc 60
atcttatgaa gtgatgagga tgcaacaaat acaattctag ttagtggata aaataaataa 120
tgcttcaagc ataacctgtg attgcagagt gggatatgaaa gcaaaattgg attggatact 180
tttaagtctg gaaatgcttt aaagtagtga atcttgaaga gtaaagtgtc aacaagagac 240
aaacaaatgt gcagtggaga agagaatgtt gagatggcga tgagttcatt agacaacaga 300
taagattaga aatgaatgta ttcaggagaa aagtgggaata gcagctatcc agttaagaag 360
atagacacac attcatagct tattgttcan aaaacatgta atgtgaactg gttgcaatct 420
tcataactta 429

<210> 9305
<211> 331
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9305

agcttgtatg gtctanaaca naccccaaga caatggtaca agaagtttga aagctttatg 60
cacaacgaaa gtttctagaa gtgcaacgcc gatcanttgt gtttctttaa gagatataaa 120
tctagttata ttattttgct actttatgtc gatgttatat tagtagttgg atcagacatg 180
gatgaaatta anaacttaaa gatgcgggcta taaaaaaaaa ttgacatgaa gcacttagat 240
ctagcaaaga agatccttgg tatgcaaatc acgaaagata agtaaataagg gattttgcag 300
ttatctcagg taaagtacat caatcgtgtt t 331

<210> 9306
<211> 481
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9306

agaattcctc tataataaag gttattacat caatcctttt catttttttg tggttaaggac 60
ggctntagcc catcaatcct ttntctatat ctatcatatt aatgatccgg gtccttttga 120
atattttaca ggaaagattc tatttcacct gtaatccgat ttcgtaatcc cgtgatgtga 180
ccgtttttatt tcatataaat taattccttc ttttatatgt gcacatacaa gagttgggtt 240

agcgggttttt ttcttgtaca aaagtaaatt aaaccatttt caccagttta gcggtntcg 300
ccaccttctt ctacctctac aatatccac cactgccaca atgccccctc cacgtgtcac 360
ctcagggcgt cggacatnct nctctgtcat gttgcctctt tntaccgtca tgtcacccac 420
cacccatcca ccatgcacta cattattgtc gtcgtacatt caaataaacc tctaattttt 480
a 481

<210> 9307
<211> 406
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9307

agctgtatat atatgataca nnaaatgaaa ttcanaacaa aattggtgca gtaagggtaa 60
tagtgtgttt tgactctatt tgcattaaat ggctatgtgc atttttttat tcaattgtga 120
taccgttaaa tgaatgacta tatgcatgac atgttttaaa cttgtgcaag gcaaaatata 180
cttgattcac agctggtctc caagttaaaa gaaatgtntg atgaacacaa tatgnttgct 240
aagtctttta ggatggccaa agatagatat gataactttc agacatagaa tcatgaccta 300
caattgatag ctgacagaaa aaaaagatgg aagaatctat aatttgcaca caatttttaa 360
gggtggttgc agttattgtt ggtgatgcaa gtcaacctat caaatc 406

<210> 9308
<211> 461
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9308

gcatcatgca cagttgttgg atattgtcta cttgtggcct cacaagcaaa gaacaattga 60
tccctatatt ttctttcttt ntgaaggcaa aatgtatatt atattaatga gataaacaga 120
acagtacaag tgggtactgaa aaaaaagaaa atacaaagca cctctggtgc tgctcccaa 180
agatacaacc caagctaacc catcagaaaa tcaaaaccac ctagattaac caaattgatc 240
ctttatatta gaggaccaat gattaaagct agtgttgaac cctttctccc tagctnttag 300
ccaagaccaa gctgaaaaca tagcctcttc catgactttc gaggagtcaa attgttttcc 360

ttgaaatatg aagttattcc tatgttgcca aatagtagta gttagggcca cccaccaccc 420
 ataccatctg ctatgggttc cattagcttc gaatccttca c 461

<210> 9309
 <211> 441
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9309

agctntaagt ttccacttct ttaagtgcac atttatcttt tattaatttt tttaaaagaa 60
 ggagagagag agagagagag agagagagag agatcgatgt cacgactcac atctcattaa 120
 taatttttcg aaaactatct ttcaatcatg gcaaaaatta tgacgcacat ttctcaataa 180
 aaactgaaat gtttttgtct ttttgaacac gtnctcctt ctgtctatac acttcaacaa 240
 acattagtcc caactgatta atgaaaataa agtaagatga tgctatcgtc taaaaagaga 300
 tctctttaat ccgatacact agtcatatnt aaatgttccc ttatatagac gaaaccattt 360
 tcaagcaaag gcttagtgaa gataccaaaa acatcttttt gcacataatc atgaatgaga 420
 tgatatctta tctcaatatg c 441

<210> 9310
 <211> 228
 <212> DNA
 <213> Glycine max
 <400> 9310

gcgtctcgag atctgatgcg cctgagtcga acgtccgagt gagaagaggt gaccatccaa 60
 atttgtcgag agagtacggg gctcaatgtc aagcgtagtg atatattatg tgcctgaatc 120
 ggacatgccc gcgaagaggg atgaccattt gaagttctcg agagcctacg ctgtccaatg 180
 aacaacgtcc gcacctgtga ttgacctgaa tcggtcctcg agcgcggtg 228

<210> 9311
 <211> 313
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9311

[illegible]

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<223>      unsure at all n locations
<400>      9312
```

<210>	9313
<211>	428
<212>	DNA
<213>	Glycine max

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<223>      unsure at all n locations
<400>      9313
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3953

attaaatttg ttatgatata ttgaatactt gtttatcgga aacatttggt tcaagacatc 360
 ttttanttgc gaaaatgtaa gagtgagaat tattattntc atatctttta gaagggtatg 420
 acaatata 428

<210> 9314
 <211> 426
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9314

gcggattggt cttcgccagt gaaaggatcg aagtggatct gaatagaggc aaatttaatc 60
 atcctgcttg gacgaatgag aaaactgtgg caaataaaga gggtaggat gagggagaaa 120
 cccatgttgt gactgccatc cctgtacggc caagtttccc accaaccctaa caatgtcatt 180
 actcagccaa taacaaacct cctccttacc caccaccag ttattcacia aggccatccc 240
 taaatcaacc acaaagcctg tctaccgcac ttccaatgac gaagaccacc tttagcacia 300
 accaaaaaac accaaccaag aaatgaattn tgcagcgaga aagcctgtag aattcacccc 360
 aattccagtg tcctatgctg acttgcctcc atatctactt gataattcaa tggtagccat 420
 aaccct 426

<210> 9315
 <211> 493
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9315

aagtcagcaa cacttccaaa tgccaattct tcctgtcgca tccgtcttca agacgatcta 60
 tgcacatagt ttcacttatt agttaggagg agatnttgcc ccagtgat ctcgaaagca 120
 gataaaatag aactcattct agagagcttg gtggtcttaa taatgggtcg ggtgggtgggt 180
 tctcttaaga ataaataaga cgaatagaat ctaattcatg ttcattgcaa tagaagagcg 240
 gatctaagac acagacaact tctttctcaa caagtactag ctgcacttct ttctcatgaa 300
 gttgcaagac aggagctagt tccctctcgg ggttctaaga gccaatgctt tctatcgctc 360
 agcccttacg cctgaactcc ttaacacaag cactaagaaa gcccgcgag ggcttcaata 420

tcgcacctac taagacagna atgtccgtta cgatatgact acttccttct ttttngacgc 480
tatggtcgtg ccg 493

<210> 9316
<211> 519
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9316

agcttagccg ccacaaatta cntagacca aaccatttca tatgtcacia aatcaacatc 60
aaacgttgtc tattaagatg caaacatact agtctaactg cttatagata cacaatatta 120
agctcattgt ctttttctct caggatttac aagatatttt gaaagctntt tacaacttat 180
aaattttgaa ttcagagact taaaagatga aaaatgaatt tgacaaaaaa aaaataactaa 240
taatttcacg gcaacaaaat tcacaacaaa ggttggtgga gggaattgtc aaacaagtat 300
ggaaaggtag aacttgcaaa agtctttgaa cagtcacgtg nttaaacttt tatgtttatac 360
ttttcaaagt cattcattat gtttccctca aacaatngtc aaacaagtgc attaacatgc 420
atgcatgttg tgaatggaac aacattatac cttatcctna aacctnnctc attnccctgc 480
acttctaac taacttgcaa caatacttca cactctcac 519

<210> 9317
<211> 491
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9317

tcttacgcag cgaacataac caaaggacaa catcctntat agaacacana acaaccagtt 60
gtcgatgggc cctacatttg aaaataattg ggtacgtaaa ataaaaacat tctatacatg 120
tatttgataa attttactta ctgattcaag taagctccta aatagacctt ttgttgggat 180
tccttaaccc atgttttaat gtaatgttga catttagcac gtctgtcctt tgcattgtga 240
tggaactgagg ctcaaggaac ccatacacca caccatgacc caaggtcgaa ctccactcat 300
ccataaacct attntcatca tttgaaatga aaaattgaaa atcatgtatg ttataaccaa 360
tattaattaa tagtcatatg gtatagaatg tacttacatc atccacaatt gtagtacaag 420

tatgtttaga catgtgtcac ctaatattat ctcatttaca tcagaatatg ttaagaagaa 480
 tgatgcatct g 491

<210> 9318
 <211> 406
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9318

agctntgagc aaattcaaac aacaataacg ttntactcgg atgtctgatt gagtcctgta 60
 atatatggag acgctcgaaa ttgaatggtg aagctctgag caaattcaaa cgacaataac 120
 tctttactcg gatgtctaata tgagtcctat aatataacga gacgctcgaa gttgaatggt 180
 gaagctttga gcaaattcaa acgacaataa ctttttactc ggatgtctga ttgagtcccg 240
 caatatatca acacgctcga aattgaatgt tgaagctctg agcaaatnca aacgaacata 300
 tatctntaat cggatgtctg attgagtcct ataatatatc gagacgctag aggttgaatg 360
 ttgaagctct gagcaaattc anacgacaat aacttttact cggatg 406

<210> 9319
 <211> 440
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9319

ctcagcttca cattcaactt cgagcgtctc gctatattat acgactcaat tagacatccg 60
 agtataaaga tattgtcggg tgaattntct cagagcttca acattcaatt tcgagcgtct 120
 caatatatga cgggactcaa tcagacatcc gaggtaaaag atattgtcgt cttaattggc 180
 tcagagcttc tacattcaat ttctagcgtg tcgatatatg accggactca atcaggcatc 240
 cgtgtaaaaa gatattgtcg tttagattgg ctcagagctt caacattcaa tttcaagcgt 300
 ctcgatatat tacgggactc aatcaggcat ccgatgtaaa agttattgtc gtttgaattg 360
 gctgagagct tcaacattca atttcgagcg tctcgatata tgaccggact caatcagaca 420
 tccgagtana aagatatgtg 440

<210> 9320
 <211> 359
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9320

agctngatgc attcatcttg tgggatacaa tgctgctaatt gttaaaagaa tcacctttgn 60
 gtagttntgt aagctatctt gtagtgntcc tcttagttnt ctaggagttt gttgctctaa 120
 gtgttttatct ttgacatata ctcatcttaa tagttaacac agtgtttctc acttaaaatt 180
 cacaaggttt gacacaatga ttatatttaa aggacacct tttcttggtg gcaacttctt 240
 ttaatttttg aatatttcct tttctcttct atcatatcca tcccttcctt taacaattgg 300
 ttattggagc ttgatgggaa tgatattgga ggttcgagta caccttggat accaaatgc 359

<210> 9321
 <211> 290
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9321

cgtcttttta aggtatata aaagaaggcc cagganattc aaaaatttaa tgactgcca 60
 caggtactgt ctctgtgggg gtatgaactg cttgacaaga aacttatgga ggagaagagc 120
 aagtgtgggc atgaggaaca ttcgtgtact gaaagcccaa cactcaatgt caaccacca 180
 tccccagttg caagacactt gaagtggaag atcgctgca caaagcggca tggccaaatg 240
 acgtctgaag tggcacaaga aattgtagac aaaattgtga gttcatatat 290

<210> 9322
 <211> 401
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9322

gctttagaa accaaagaga cagagatata tagagaatat tcagcttgta gaaaccatag 60
 aaagaaaata atttnttgaa ttgatntttt ttgctgctnt gagttgctta ctaattataa 120
 caaaatttca cttctttcac atttgtgcat ttgctgtcac atgaaggctt gtctgtttgg 180

ccttattgtg aaatattatg gaggtaacctc gttgacaaca attntgtgtg tctactactc 240
 tgctgtcata taaaaacact aaaaagaatt tgacaaaaca ctatgaagag ttaaaagata 300
 tgtctagctt tctacatcgg ttcaggccan aaccgatgta gaattctaga cattctacat 360
 cgattataga atgatcgatg ttgaaatctg acatctacat c 401

<210> 9323
 <211> 487
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9323

gaattcaccc caattctggt gtncatgct aacttgctcc cttatctact tgataatgca 60
 atggtagcca taaccctgc taggtttcct caacctccat tttccgagg atacgactcg 120
 aacacaacat gtgcttatca tggaggagtt ccggggcatt ccattgagca ttgtatggcc 180
 ctgaagcata aggtgcaaag tctaattgat gcgggctggc taaaatttga ggagaatcgc 240
 ttgtgaatcc taacattgac aagcgacacc acacatggng caatnttgaa agctgttggt 300
 atatgtctct aatgactcat caggatTTTT aagtctatgc cattattaac catagttaca 360
 acgctaaata aaatggataa atttgacatc tttgtccac atnctctcat aattacatct 420
 gttgcttcac tggaatatgg gtgcgagcca ttgatttggt tgctcaaaca actgancgct 480
 ctgagtg 487

<210> 9324
 <211> 137
 <212> DNA
 <213> Glycine max
 <400> 9324

tcttgtgttg aaatccatat gctaattatg tgcagactaa atttctacaa gcaaagttaa 60
 atccttctaa tacttatata ctgaaactta tgatcacgaa ggagatatta tatatctctg 120
 ctggtaatgt taactat 137

<210> 9325
 <211> 478
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9325

ctgcagcagt taactgaaca aatgaagtgt ccacagtcac tggatgggtg cctggtagag 60
 gtacatgtta taaactaata agatttcctg cgtgttaggt ataattatta agaagaggca 120
 ctatatatat agacttttat atataaagct tattagagtt ttaacacact ctttttaaca 180
 cactctccac tgttgggtcct caattttattg agaattataa aatcagaata atgactcatc 240
 atatgagtag ttggacctgt caaattttgtg atntttaaga catttgagcc aacaaaaaag 300
 agtgttcaag agaatgtgtt agagacagag ttgctaccat ttctctgggt aggaatgggtg 360
 tttgtagtta ttagtgaaaa tagaaataga aaatatatttc cttatgtcaa acaggcttct 420
 gcattactaa ttttacgttt tacaacatta tgatagatgc atatatattc tttctttc 478

<210> 9326
 <211> 85
 <212> DNA
 <213> Glycine max

<400> 9326
 ttgatactga acagaccaga ccaaccacta gtgagaatca agaaatgtgc tgccaatcac 60
 cctaattctta acataatagt gatgc 85

<210> 9327
 <211> 163
 <212> DNA
 <213> Glycine max

<400> 9327
 taatgagctg gtgaagaaga ctgtgacata tacttgggtg gaaagacaag agcaagcctt 60
 ttatttgctc acagaacagc ttaccaagac acttgttgta gctcttcctg acttatttaa 120
 aactcttgag ctagaatgtg atgcctctgg aatgggtgtg gga 163

<210> 9328
 <211> 305
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9328

agcttgtagc atttgtcctt tatgtgtccc aacatgtcac agtgagcaca nttgggtctt 60
tctttcttga tgtatttccc tttattgata tcacattggt tctttgatgc agaattaaca 120
gaaaatacta tattttctaa agtattggtg ggtgggtgag taaacaacaa tctcctttga 180
gcttcttctt gaaggattag ggagaaaaca ttaccaattg aaggcaaagg atcagagatc 240
aggatctgac ctctgtatttg agagaaagaa tcattcaaac ccatcaagaa tgacattaca 300
tactc 305

<210> 9329
<211> 412
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9329

cttaaaggat atgttgacta ggaaacccaa gtacattcac caggaaaata ttggtgtgga 60
aggaaattat agtgctgtga ttcaaaagat ccttccaccc aagcataaag accttgggag 120
tgtaaccatt ccttgcttaa ttggagaagt cactatggga aaggctctta ttgacctagg 180
agccagtatt aatttaatgc cattcttcat gtgcagaang gtgggagaag tggagatcat 240
gcccactacg atgactttac aacttgctga ccgctccatt accagaccat atggagtaat 300
tgaagatgtg ctggtcagag taaaacattt tatcttgccg acagactttg tggtaatgga 360
tatatgtgaa gataatgaca ttctgtaat ttgggaaggc catcatgtaa ct 412

<210> 9330
<211> 468
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9330

aagcttccat atggggtgtn taataagact tcccgttgta cataaagcac gaagatctgt 60
ctgaaattgc acacggtggt caatgtctca acatatctgt tatacagttg tggattctgt 120
aagtcaattt aaattatcgt taattactta agttattggt ttaaattcat acataattaa 180
ctttgtgtta ataaaaatag gcatctgact gagacaagta tgcgagcggn gaattccgat 240
gtgtatggat tcctcgagcc acagtccatc tagagatcta ggcaatcgga atttgaatta 300

gaaagttaca tgataaaatg gatgcataat tcanaacgcg atgtttacct atgagcctac 360
 ctgaatggat aagtaaaact gaacaactga atttanatag tgtataatac tacaataacc 420
 catattggtc tccactgcag tgcacactgg canatggteg tcattttg 468

<210> 9331
 <211> 511
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9331

tactcagcta tataatTTTT ggtagagaan atatcagact attttttgtc ccaaaaaaaaa 60
 aaaaatattt gaatccttct ccacttgtgt caaaccaaag aatctcctac taataacaag 120
 ttttaatcag ctaaaatagt ttgtttgtgt tataagaaaa ctaccaacac ctaaaactaa 180
 ctattaaaat caccgaaaat atagctaaca ttacaatact cttagaatac atggcaactt 240
 tctatatgcc tttggatttc aacttaacaa gaacataagc aaacaatcag tatgaagttt 300
 tggatttcaa cttaacaaga acataagcaa acaatcagta tgaagtataa aggaaaatcc 360
 aagagagaga atgagaggat agtaaaacct aaggcttcac aggaagtcca tcaataatca 420
 aataattaan anaaataagg ataattttta agtgagaaat gaaggataaa ttcttaaaac 480
 aactataaat tattaataaa tataatatta t 511

<210> 9332
 <211> 298
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9332

agctnnggat tccttttagta aggaatctat ccttcctaag atggagccaa acccagtcac 60
 cctcattaag aaactagctt tttcttcttc tattgccttt agttgaatac ancctttgtt 120
 ggttctctat ttggttctta accctctcat gcaacttctt taaaaactct aacctagatt 180
 ccccttcttt atgtatanaa gaaagtgtcc agtgggaggg gaatgacgtc taacagtgtt 240
 atgggattga cccatagaca acctcaaagg ggactgcttg gtggtctatg aacccttc 298

<210> 9333
 <211> 432
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9333

tctagccaaa tggacttacc ttgaattaat tcctttgata gcctctttga gcctatgttc 60
 ccctttcttt gttttgaagc tcattacaac ccttaagtga aaaaccatga tatcacctta 120
 cccttaagga attttggagc tttggaattg ttttggaat aagctgggaa taagtgtggg 180
 gggtatgttt cattggaaga tatgattttt ggccatgctt gatgtatttg tatattgcct 240
 agttcttgct ttaatcttca aattcgttct taacaaaaac aaaaaaaaaa aaattcaatt 300
 gctgcaaatt cgtactattc aaaanaaaag aagaaaagaa gtgaagttga ataatgagg 360
 tcttgttatg aggacttgat ttgggagcct tgattgattc tcgtgatatt agaggggtctg 420
 ggtttagtac tt 432

<210> 9334
 <211> 495
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9334

agcttttaggt tgtgctgcac aaggggggagg tatgaacatt tcaactntaa ttgttgtgtt 60
 aagagtgtgc aggtagtttc taacatttgt tacttatttt tatttgtaga acaagttgaa 120
 aataccatgc atttcatata aagatggggc atgaactaga agaaacaact ggcatcaagg 180
 atcaagctgg acttcaacac agtgttgtga ttgttgtgga ggtcgacaat ggaaaaggca 240
 aactgagagc ctactttggc gatgaaatta tgtttattat taatgagtac cacacttatc 300
 anagttgtta tggccaattt caattcatgg gtgaatgcaa gtntatgaac ccatttacc 360
 ccgatagtcc attagcaatg cctcactc aatgcctgac tcattccana atcactctnt 420
 anaggatagt cattcattgg gagaaaacgt acctcgaagg ccctatccgg agtcaagcat 480
 tgggttatat catct 495

<210> 9335
 <211> 533

<212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9335

 cgccacggcn nnntttgacg ctttattagt gcactatgat actcagctgg agatatggga 60
 cccatacatg tggaccacgt ggctgggcgg cgatgggtgca caacaagttt cacattcaaa 120
 tgcgggcataa cccaacttcg ctgggtgcgca cctccaactg agctcacgta cttccacgta 180
 gcccatatgc tcgattctct taacaacggg tgcccataa tccctccaag cttncacaac 240
 attcaagtcg aacaacattc atacagcaca agctatcata gtcaagcana acagaggcaa 300
 tgcagaaaat tctgctcaac acatcaagca aaatcacagc ttttctcact taaagaccac 360
 aggaacaatc tcttcgatca actccgtaac ccgtggatcg atttcaagat ctactggaag 420
 tctacagtgc ataagcctac attgcgaccg gtgggatcta cgtagaaaca ttcataactc 480
 attctacatt actcttgta caatcagcag atacatggga ttgtctgcac ttg 533

<210> 9336
 <211> 469
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9336

 atcctcagag tcacctgcgg ctgcagcttg aggaatatgg ngtaacctc acatgtggta 60
 ctatgtggcg gtcgggtgat ggtgcacaac aagtttttcc acatccacaa atcgcgcata 120
 aaccaccat cccctgttgc ccacctcaa ctgagctcac gtactccac gtagcccata 180
 tctcgtttc tctcaacacc gggccccat caatcctccc aagcttccc aacatccagg 240
 taattcaaca tccaaaacat cacaactaa caaaccaagc aaaacagggc aaaggcagaa 300
 tactctgcc aaaactcaaa ccaaatcac cgctntttct cacttaaaga cccagtaac 360
 cttttctct agtacataag tctancgttt gaccgttggg atctactagc aaacatccag 420
 aactcanttt gtactactct ntccacagcc aaccacacac aangcattt 469

<210> 9337
 <211> 413
 <212> DNA
 <213> Glycine max

<400> 9337

ttatctaadc attccaatcc actcaaata tacaattgct tattcaaadc attctcaaac 60
attcatttca tgcaaaaacaa tccactgcat atcattttca atcaattcac tattcaaaca 120
cgcttttatgt acaagcaaac aactcaaagt gctgaaattt aaataactga aattaaaata 180
actgaaatat gacaacgaaa tcagctggaa atataagggtg tttaaccttc accaaaacat 240
cttcaatgac tccatatggc cttgtgatgg agcgggtcaac taactggagg gtcatgcgtg 300
tgggcattat ctctatctct ccaagtcgct ggcacatgga aagaggcatt aaatcgatac 360
tagcttccaa gtctatgaga gctttgcta caacaacctc accaatataa cac 413

<210> 9338

<211> 431

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9338

agcttctatc actgccagac tacacatgtg agtccgctta taggtaaggg atgagtntat 60
cacaattagg gntagaatga acatgtgcag agattcttat aggatcaaat cgggggttat 120
tttgggatgc ttattgtatt agaattcttc atttatgatt ataataacga gattgtnta 180
tttgatggat taattgatgc cctaatacga attgggtgat aaattgagtg ctcatggtgt 240
gaaattattt gaggggtccc atgttgtgag aagcattctt gtataatttg tttgtgtttt 300
ggacaagata tactatatta gcttgatata ttgctatadc gcgatcatga cattgtgatt 360
aaaattatgt gtaagcgata aattgaatat gtgatgaatt atgagacatt aagttgtgga 420
catgggatat g 431

<210> 9339

<211> 288

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9339

agcttctaca ttcaatttcg agctcttcga tatattactg tactcaatcg gacatccgag 60
taaaaagtta ttgtagttcg aatctgctca nggcttcggt attccatttc gagcgtctcg 120

atatattacg ggactcaatc ggacatcaga gtataaaggt attgttggtt gaatctgctc 180
agagcttcgg tattccatct ctagcatctc gatattattac ggactcaat cagacatccg 240
agtaaaaagt tattgcagtt tcaatatgct cagggcttcg gtattcca 288

<210> 9340
<211> 445
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9340

ttgagcatan tcaaacgaca ataactctct actcggatgt ctgattgagt cctgtaatat 60
atcgagacgc tcgacatgga ataccgaagc tctgagcaaa tttaaacgac aataaccttt 120
ttactcggat gtctgacga gtcccgaaat atatcgagat gctagaaatc gaatgtcgaa 180
gctctgatca aattcaaacg acaataactt ttactcggga tgtccgattg actctcgtaa 240
tatatccaga cgctcgaaat gcaatatcga acctccgacc gattccaaca ataataactt 300
tttactcggga tgtccgattg agtcccgcaa taatccgaac gctcgatatt gaatgttgaa 360
gctttgagca aatccatagc acaataactt tctactcggga tgctgatcg agtcccgaa 420
atatcgagac gctcgaaatg gaata 445

<210> 9341
<211> 391
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9341

gcaagcttct taagaagatt cctanagaag ctagagctta gctacacata cctctcta 60
agctaagctc acctccttga gataagaagc tagaacttag ctacacaccc nctataataa 120
ctaagctcac ccccatgaca aagaacatga aaatacaaaa nanaagtcct tactacaaag 180
actactcana atgccccgaa atacaaggct aaaacctat actactagaa tggccaaaat 240
acaaggccca aacgaaggag aaacctattc taatatttac aaagataagc gggcttatac 300
ttagcccatg ggctcgaaat ctaccctaag gctcaagaga accctagggc catccctggg 360
atctctagcc caatctactt ggagtcttct a 391

<210> 9342
 <211> 331
 <212> DNA
 <213> Glycine max

 <400> 9342

 tcgacctcgt tctttctttc ggacctctt tgtttcccg tccaatgctt cggctgtggc 60
 cacattgacg tctctcagtt cgtcgcatta tttttggacc tttatagttg tcatcttgaa 120
 cttttccttg actgtttgcg ccttttcaag ttctaccttc aaagcttgca cctcctcact 180
 ctctcaagg gtttcagcct cttcctcact cgagggtttt agcttcggga gacaatctag 240
 ctcttgcatc cgagccttta gccacttggt atatctactg atgatcccat tgctgcttcc 300
 cttaagttct ttatcctttc ttagtgacct t 331

<210> 9343
 <211> 223
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9343

 agcttgagat gaggaagtgt agaaggggtga aacttcctgc ttttattgnt gaccacagag 60
 tggtacctgg agatatgtcg cggggggtcag gagaccttat ggacgtcagg tgggggtgcta 120
 ttgccccaaa ccaagcttga ccaatcccaa cccaaccgg gcatagtcgg tcaatgagaa 180
 cctgtgaggt acctaaacag gcgagctcct ggcagtcaac aga 223

<210> 9344
 <211> 402
 <212> DNA
 <213> Glycine max

 <400> 9344

 ctcaaacat tcattagtcc aacacacact caacaaatag tcatcatcca tccacaattc 60
 caatcaatca tgctcagtat gatgcaatgt ggtaccactt gacctcaact ctcaaagtga 120
 atgtggtacc atccccaaagg aaatagccta agcatgtcca cagcactc tcaattatga 180
 aaactaggca gtaagtgtcg aggtcacct gtcgtgcaca agcaactccc cctccccacg 240

gtgatctgcc tgagtctcaa gggagttcta aactgagtga cataccccca agtacaagta 300
 tttctcctca tgagaaactg caagtactca ctgacaaagt ttatactatt ttcattgtcat 360
 atgaagtatg aaacatgggc accatcaatg cactaatcac gg 402

<210> 9345
 <211> 373
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9345

accttttagaa atttgaatct aaatttcaca gtctataatc gactacagag tgtatataat 60
 tgattaccag agttaaattt caaatctcaa atatgaagag tcacaactct ttagaaaaca 120
 actgtgtaat cgattacacc attctggtaa tgcattacta gtgaggaatt ttcgaaaata 180
 actcccaaca gtcacatatt ntcaaatgtt tttgaatggc catcaaaggc ctatatatat 240
 gtgacttggtg acacgaattt ctagagagag tttttctgaa ctgagatgtc ttatcctctc 300
 aaagagattc ctaggtcaaa cacttgcata ttcaataagg aatcttgatt gattttaatt 360
 gaatatcctt ctc 373

<210> 9346
 <211> 432
 <212> DNA
 <213> Glycine max
 <400> 9346

agcttaagtg ttcacgggtg catgcaaagg cacaaggata gcgtatgtat cttctagaag 60
 cttaggagga ataaagaata ttcactgtta gcatttctgt taagcagtta agcagttacg 120
 taataacaga atgtataaaa tgcaagaaaa aatgctcttg aataatatca gaaaacgcat 180
 tctctagttc cttcctttat ctctctatct ctctaccctt ctccttccac ggaggttgct 240
 tgggcctcga aagccaagcc taacattggt gctttcattg atcctttccg ccatggccga 300
 agctacatga tccaagacca gtgttgatcg ctggaagatg cattcgtgaa gctttcagca 360
 tcaatgtttc caaagtttga tgagctctta tccgataaac cagaagagac tcgcttccaa 420
 atcttatggt ca 432

<210> 9347
 <211> 423
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9347

 aatctgtacc tatcacgaga gtctgtgggt tatgctnctc taccgaccac catatagacc 60
 tttgcccttc tatgcaacaa tctggagcaa ttaagcagcc tgaagcttat gctacaaaca 120
 tttaacaatag acctnctcaa cctcagctgc aaaatcaacc acagcagaac aattatgacc 180
 tctccagcaa cagatacaat cccggatgga ggaatcacc aaatttcaga tgggtctagcc 240
 ctcaacaaca acaacagcct gctcttttct ttcaaaatgg tgctgggtcca agtaggccat 300
 acgttctctnc tccaatgcaa caacaacaac cacagtagca acaacaatag agacaacaat 360
 caactgagac ccttctcaac cttncttaga ggaagtagta aggcaaatga caatacagaa 420
 tat 423

<210> 9348
 <211> 57
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9348

 tcataatctn tatttactta tgctgccact tgtgacaaca ttacatcata cccagat 57

<210> 9349
 <211> 340
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9349

 caaaaaatga agcttcatat gagctcttca tgatcctact agtaaaccta gcacatcata 60
 tacacgagta gagatcctct tcaattactg gaaatctcta gtagaagaga agactaaccc 120
 catacgcacc actccccctt gcaaaaggca agatgacatg tagcatagat aggcaatata 180
 ctactatac atgcatgccca agttatgtgt aataaaattg actttttttt tcttttggtt 240
 atcaaaataa gttatctcgc aaaactaatt atcaaaatag atgttttaca taattactta 300

cctgtcatgt tntatcacga agaatgtaag atgtgtcacc

340

<210> 9350
<211> 413
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9350

cctcattgtc tctcacagtc tttagaattg ggagccaatc caatccttgt gtccggactc 60
tcagccactt atgatagccg ccgatgatcc cattactgct tccnctaacc tctctgtect 120
ttcttcacgc cgcattcccat gccttgcgaa ctctctggag taccctcgcg ttgtggtcac 180
tgaaaccccg tgcgatgaaa ggcgtgatgc tttcgtctaa tggcactcct ctcatggagt 240
agccaagctg tcttatggca aggacgggat tataattaat acaaccctt gttcccatca 300
agggaacatt tggacatcct tcgcatgaag atagaatcct gattcttctt tctttctagc 360
gagggaaacca attaacagac gcccctccat gctagccaag agttggtccc aat 413

<210> 9351
<211> 485
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9351

gctttggagt agaaacatgg gaccaactca ttatatttca caaagtggta tctagtcaag 60
gtctgagaga ccatacaagt ttcctagcga tttctaatta tgtgggcat taagtctatc 120
atatgctaac aatagccgag aagcccatga atttcttcgg gggcggagta agtgtctgcc 180
atcgcttgg ccttggctaa caatcgggga agttcctgac tcccgttcaa ggtaagagca 240
aaccgattca tcaacatggg tgcctcttgg tgtaaagagt cgatcacnct gtctctagcc 300
tctttnttcg cgtatacttg ggcatactcg tccgcgatcc tgtgctcgtg ggccgtggct 360
aaacttaact cttcttggta ctcggcgatg atagctagca tgtnggtctt cgtctcgcat 420
aaacgctgag acaagctcct tttggacctc gaacaggcaa ctaactcttc tttcaaacca 480
tgcta 485

<210> 9352

<211> 496
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9352

ttatcaatat atgggtctaa cacanataat taaagggttt aaattgatta tttctagaga 60
 agtagatgat ttccctgaac acaattttta tttgataggt aatatgataa aattactgcg 120
 aaagttacga acttagaaat gaagagtaat ttgaagaaat aactttatat ctttgtgtac 180
 tgactccaac tgaattgttt ggatgaaaga aatcatttta tctactaatc atagacaaat 240
 tggagtatta ccaaattgatg cacgtattgc caatgtcgta gatataggta ctttgagaat 300
 gtcttcttaa acaccaatgg ctctgatggg cagttttact agagaatttt gtaaagttca 360
 aacctttgaa actgattgaa gaaggtaaga gttcccagaa ggtggagaat gcaagatctt 420
 gaagacaatt agaatcgta tttacgaaca aatgtgggag ctttgagggtg tgtgactgtg 480
 aatgacttgc acacat 496

<210> 9353
 <211> 438
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9353

agcttctaaa ctntgtacaa gaatgaagct ctgataccac ttgtagaca agtggcctca 60
 gatattctaa gaaggggggg ttgaattaag atattccaaa ctgtttcccc taattaaaaa 120
 tctatttcac tntntactca agttatgaat tcccttaatg acaatcttct taaatattaa 180
 ttcaaattgaa gcaacttgaa tatgaatata aagcaataat aaataaagga gattaaggga 240
 agagaaaatg caaactcagt ttatatactgg ttcgccaca cccttgtgcc tacgtccagt 300
 cccaagcaa ccgcttgag agttccacta tcttgtaaat tccttttaca agttctaaac 360
 acacaaggac attccttctt ttgtgntaga gatcctttac aacaagagac tcacagtctc 420
 ttaatccctt agagaatg 438

<210> 9354
 <211> 485
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9354

acttaccagt tgaagatcng aaaanaaaga agaacgaacg gtgaatatcg aagaacgggt 60

gaaaatcttc gcgtaattac ccacggaaac gttacggaag cgcctcagct tggattttct 120

tcacggaaac aattttcctc agcaatttta agagaataag aagtgctaag aaggatgaac 180

cctttcctct tcaactcctc tcctatttat agcaaaatag gggaggagct tgccaccag 240

gtcgcccagg caagcaaggt tgcttcctcc agaagcaacc gccttctgga ggaagaaact 300

ggaaggccca agtgggcctg attgctatnt acaccccccc tctttactaa atgcaccccc 360

cttntacttt tttggtgatt ctttttccgt aacgttacga aactttatcg aatttggtac 420

gatacttatt ttcttttcat aagggtacga atccttacgg atcatgtatn tactctntnt 480

aatct 485

<210> 9355

<211> 382

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9355

agctnntggc tttntcccag tcattgattc ataacttgtc cctgatgtaa gctccattgg 60

agcttgtagg cctatgatct tcttcatcaa tggattcctt tgcttctcgg aagatgaatg 120

gaagcggatg agtctagaag atgctcacca ccataggtgg ccatggataa gagcttggag 180

gaagaatgag atgaatgaag ggagaggaag agaagagcat gannatttgt gctctaaaag 240

agctctgaaa tctgaagttt aatattcaaa tgatcatagt ttaaaaaatg cacacacatg 300

acctctatnt atagcctaag tgtcacacaa aattggaggg aaattcgaat atcaattcan 360

atttcacttg aatttgaaat tg 382

<210> 9356

<211> 436

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9356

tgggtggtctt nctactgggt ggactgatgt tactaaggat gttctctacc taacaatgtt 60
 cctgagttct atgttgtctc ctggactact aaaccccgat gtctcgggca tgttcagcct 120
 aatcctaate aagcatcatc ctcagatgtc tcttggtgga ccaaacttaa ccagaaccac 180
 attaagacat aacataccaa aaactaagtt accgtactct gatgtctcgt gaaaatacga 240
 taagctagcc ccgtcctatc aggttctaag gatcaaacca tttcccaatg ttgagtgacc 300
 ctaactaagc atgcagttgc gtgatcaagg caaaggccca ctagaattaa gtactaatag 360
 cacactgaac acataaaaca ttattagata aatatgaaag tatntacatc aggtacccca 420
 taggaagaac caactg 436

<210> 9357
 <211> 346
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9357

ttctaggatt canagattta gattccaaga gagcacaat cctagactta tccaaatgat 60
 cttttccata caagtagctt tctcactatc ttttctatt actttgcttc tgaccttatt 120
 ataacaacac aatttttttt tctttccttt ttttttaaca tacaacttat ttgttggtgtg 180
 tgttgatgct ttaccttttt ctttacatcc ctattaactt cactcccncc aaattgggggt 240
 aaatttgctt tgaaccatat gctctcctag aatctaagca aggtatctgg agataattat 300
 ttaagttcaa gggttcaaat tttgacaata tcattcagct cataaa 346

<210> 9358
 <211> 472
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9358

ntattcaaga canagcaatt aaagatattc aagatggatg atcaagacag tctatagagt 60
 cttagaaagg gtatattaaa taggaaggga attccaattg aagtagcaaa aggtttggcc 120
 aagaatttta agttaaaaag tcttttacia gaaatttact ctctggtaat cgattaccag 180
 aggatgtaat cgattaccag tagccaaaac tgatttacia acagctatta aaatttgaat 240

tcaaaatttg ccctgtgtaa tcgattacca tatatggtaa ttcanattnt aaagcttgta 300
 atcgattaca catatactgt aatcgattac cagagcagat tttcagaana tattctcaac 360
 tgtcacatct ttttatgtgg ttcttgaatg gctatcanag gcctatatat atgtgacttg 420
 agacacgaat ttgctaagag tttttcagaa caaaaaggtc ttatcctctt at 472

<210> 9359
 <211> 511
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9359

ngctntanga ataagcttaa gagacatcat tattntgata gaattcaaat tcacatgtcc 60
 aagcctagca tgccacacat canaacattc aacatttgca acaagagaag aaatgctaga 120
 tattctatta atagaaagag gcataagact taacttaaac aaaccatcac aaatgtagcc 180
 tttaccaata aaaacaccat gtctagtaat aacaactcta ttggactaaa aaacaacctt 240
 gtatccttgt tagactaaca aagaagtact tattaaaant ttcctaatat cagaaacatg 300
 atagacttca tctaaaacaa gaaaattccc tagagatagc tctagcttca cttgaccttc 360
 tctaacaca tgtgtcatac tcttattccc catgttcaca gtacgcgtgc ttgattctng 420
 atataaagaa aaatattttt tttatcaaca cacatatgat aattagcccc gagatctata 480
 aaccaatcat ttgagttaaa acacaattaa c 511

<210> 9360
 <211> 489
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9360

ctttatgagg gaggcttcgg gcaacataga tgcttttcaa taaaaggcaa catttgtag 60
 atgttctctt gtgtccatac ttttgcagtt gtcgttttct ctgtattatt tatttcataa 120
 agccattaat gtttctttat gaggatgatt attttttgtg tgcttgaaat tcaactttat 180
 tggaaaaatg aaaattcttt ggccaagtga ttntgtgttg ctaaacgcat gccattattg 240
 atttctaattg agaaggatcat acaattttta ttatagttgc agcctttgga tgtgcccctt 300

tccttaataa atttgtaaaa cctacattgt cacttaatta tttcattagt gacactgaca 360
 cataattaat gcatatgcag cactntanaa gcataattnt gagcattact aattcagtag 420
 tgagattcat tntcaccaan naattagtan ataaattgtg tactacaaaa tcagttttat 480
 caatcacat 489

<210> 9361
 <211> 198
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9361

agctagctac tacanaagtc cagtgggatt aaatntatta gtttgggtatt aattgttgat 60
 ggcacacctac tagcatcata cgatntagtg ttgcacaata gttatatcgc aatntatcat 120
 gaattctggg tgtcctaagg tgatatatga gtaatcttgg tatgcaacac tggaaagtag 180
 taaaatgtat tatgtgct 198

<210> 9362
 <211> 347
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9362

atggaccttn tcagggtgtg gagaggatca ataacaatgc ctatagggtg gaccttccag 60
 aagagtatga agtcagcacc acttttaata tttctgattt aattcctttt gcagggtggaa 120
 ctgatattga ggatgaggaa ccaacagatt tgagggtctaa tcctcttcaa gggggagggt 180
 atgatgcaat cctctctagg aaggggaccag ttaccagatc catgagcaag agactccaag 240
 aggattgngc tagagctact aaagaaggcc ctagggttct catgaatctt anggtagatt 300
 tttgagccca tgggtcaagg ttggatccac tcttctttgt aagtatt 347

<210> 9363
 <211> 479
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<400> 9363

agcttncatc acatgttgta taattcttct taatcccatt acactacaga tgctcttgta 60
tggcgtccaa tatttgctgt ctcccggttca aacaatttat acaaggacaa aaaaaatttt 120
gtccccaact ggttgacttc tttcgaaagc aaattgtgag agctcttcga aaccttcctc 180
atatgcaagg ctcatgcaac tttcattcat ccaacttcga tccatctaaa taataactct 240
gtgatactcg caaaattatt tgatgcatga aaatctcact ttttcattat aggtgtggcc 300
ctatcccatt caggaagaca ttntttatgg tagcttcata cgtcaagggt aagtctaatt 360
tgtaaatttg acaaaatttc ggaacatttc gattgatccc aagtaccaac atgaaatggg 420
tggttaatt cccaacatca agatgcctca gaaacactag aatgcatatc cggatttat 479

<210> 9364

<211> 361

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9364

tgtgcattca atatcctgat gaggggtgtc catatgttct caaaactgga ctaatacatt 60
tgctgcccaa gtttcatggt cttgtangtg aagatcctca taagcatctt aaggagtcc 120
atattgtttg ttccaccata aaactccctg atgtccaaca agatcatatc tttctaaagg 180
cttttctca ttctctagag ggagtggcaa aagattagtt atactacctt gctcccaggt 240
ccattttcag ctggtgtcac aacataccct tcggcggaag ggcgacgcgg ngctcgcacg 300
tgcgtcttcc acgaaaggaa aatgcgcgga gtcaccacca acgtttattt gatgaaaacg 360
t 361

<210> 9365

<211> 600

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9365

ctgtgcattt cttctttctc catcgccaat ttagtacat catntacctc nttctnnnnn 60
nnnnaaggcc gatgcgctta gacctctgaa accgtgcgac cgcgatcttc tagtcactga 120

ttccaaatgt ttgccttcgc aggaatggcc ccgaggaagc ttgcctcana gaggtccagg 180
aaggacaagg cggccgaagg aactagttcc gccccggagt acgacagtca ccgctttagg 240
agcgttgtac accagcagcg cttcgaagcc atcaagggat ggtcgtttct ccgggagcga 300
cgcggtccagc tcaaggacga cgagtatact gatttccagg aggaaatacg gcgccggcgg 360
tgggcaccac tggttactcc catggccaag ttngatccag agatagtcct tgagttttat 420
gccaatgc 428

<210> 9368
<211> 397
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9368

gcagcttaca tatgcttggt gcttgacatt acttcagagc gcaattgctc ttcccaagaa 60
agcattgttc tcaacagggt cacctaaaag ataaattata aacagtgtca tgtttcataa 120
atcaatctac tggaataacg gggggtaata aaacatcaac tttcactttg catggtggca 180
gacaaacaat actcttatac ccaaattttg gccaaactcg caaattagac taaccaattt 240
ctaccatctt agcgggtgtt tgaaatttta aatttgcaac tataaccatt accaaaaata 300
taaatgatct gcaacanaat atatttggct ctgggtcgag caaatttcag acaagtgaat 360
caacaacttt ttagcatgtg aatagtcagt gacactg 397

<210> 9369
<211> 437
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9369

tactcagctt ccaaccacga cgacggcgcg aagctcggcg aggacttcaa ggttgtgacc 60
gtcgacgacc cgccggaana ttgccttcac ttctcggtgc tctcggaggc gaacgagagc 120
gacgcgccgg aggttgatat ccaacccgac gacgcggtgg cgatgccgtt ctcttnccggc 180
acgacggggt tacctaaagg agtggttctc acgcacaaga gtttaacaac cagtgtggcg 240
caacaagttg acggagagaa ccctaacctc tacctacca ccgaggacgt gtccttatgc 300

gtgcttnctg tgtttcacat attctccctc aacagtgtgc tnttgtgcgc gcttanggcc 360
 gggagtgcgg ttttgttgat gcagaagttc gagattggga cgctgttgga gctcatacag 420
 cggcaccgcg tgtcgg 437

<210> 9370
 <211> 349
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9370

tatgttcacc tgctgcattt agatcaaaat tcanaatctt caatgctcaa taggctttgt 60
 gcccactc aataggttaag tgacaagntt tgccatagat aaattggaag ggagtcagtc 120
 ctataggagt attgtatgca cacgtagctt tatctaattt ttgagactag tcttctcttg 180
 actgagcaac tattttctcc agaattcttct tgacttccct attagaaact ttagctcgcc 240
 caatggctta aggatggtaa ggtgaggcta ctttgtgtct aacactatag tgttgagaa 300
 ctttcttgag ttggaatgta tagatatgag atcctctatc acttataaa 349

<210> 9371
 <211> 494
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9371

gcttctccca atttctataa tagggggaga agtgaagtag aanagggttc agccccttag 60
 gcatttctct ctctttcgaa tttgcttagg aaaattgttt ccgtgaagaa aatccaagcc 120
 gaggcgcttn cgtaacgttt ccgtgagtga tttcggaag gttttcatct gttcttcacc 180
 gttcttcac cgttcttcgt tcttcaacag gtaagttttc gaatccgaga ctctcaattc 240
 atttcttggt tttgttaagc tttcatcttt atttcgttca ttttcgattt ctttcttcc 300
 ttctttaacg cgctgttacc atttatataa gccgttttct cacctaataa atgataaaat 360
 gaatttcaac cgatcatttg tgttgtaatc tcatttaatc acttttaaaa cgaaatctaa 420
 tcgatcggtc acgtataac ctcggttaaa ccacaaaaaa gtaaaataat caaaatatct 480
 tggaaaataa taat 494

<210> 9372
 <211> 427
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9372

agctnntgaa gtagatatta tttattatta taatacatgc ttatctattn gttaagtatg 60
 tnttgtagtt agttaattga gacttgnggg tgtatatacag tgttttatac ttactacttt 120
 gatttggtta gtgtgtgtat attacataga gtttatattt tattaattaa ttgacactaa 180
 agatgttata gttttgctat gatatgaatt tgaaaattat tcgagtcgat gtatatgtat 240
 atggggttggg tcttgtaaac attgctacga atgtataata tgatatatga gaataagtga 300
 agtatgcgat gaattgtgag ctatgaactg tgtagtcaca caactataat actctttaag 360
 ggcgacgagt tcatgcgcaa tgagttttgt gatgggcttc actatgggaa ctcgacgagt 420
 taatcac 427

<210> 9373
 <211> 458
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9373

ctgtttgaaa agtacagtgt cnttgaaagc tataataact acttgcaagt tgatgctgat 60
 gacttgcaca attggaaagg ttgggtggaa tcatgccttc accaactaac tttgatggtg 120
 taaaacagat gttagtcaac tgttttttat tggcaagatt attttacttg actgaaacta 180
 aaagaaaggg tgttactctt tctaactctg ggtaaagatt taaccaattc tgttgtgatt 240
 tgagttgtaa atcgaagcaa tcattcacga accgcgtttg ttctataatt ggtcatgtgg 300
 ttttatgtgc atagatnttt tcacctatgt atgttgtttc aatacaataa gttgaactgc 360
 ctggtccatt tctttgtaat tagaagctnt atatagataa acgtcatana ctagaaattt 420
 cacaactcat aatgatgtta ttatntgata ttttcatt 458

<210> 9374
 <211> 330
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9374

agctntccta caagtcctaa ttganattct aaactagaat caactcactn tagaatccaa 60
tttccactaa ccccaaatnt ggctttntaa ccttcaaat ctcacactnt tccacctaca 120
aactaccat tctcacattc aactetaagt taactctccc catcctctct accaattgtc 180
tatctaacct ttaagcatac atatatctca aagcatcatt attaaaccct taatcaacat 240
gcgtagttnt tcttacatca aacatgtcaa gtttagcata attacaacaa tttccttcac 300
aaacaactac cctanagcaa taacctagta 330

<210> 9375

<211> 473

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9375

tctataatgt tgcattctac taatatatgg agttggccac tgcttcgcct gagtatgaca 60
attggtagac cataacaatg ctatcgacgg taaaggacaa cgatttttca aataaatctg 120
tcgtacatgc aaaaataaat aagtattaac tcaatcgtac acaactgatt gcataaatat 180
aaaaaaattt atatctacaa tgtacttgaa caaatgatt tccatagacg tgaccgatac 240
aaattatgcg atgcatcgaa ggatcntccg gtggttgact tctaagagga aagaacgtca 300
tgctttgtta gtgagacaag gatataatga ttacattata ccatgatgca atcacatata 360
cncatgtcgg ntatatccat ccacttatcc atagtgcct gaacgaaaca aatatagacg 420
tcaaagttta ttttatagtt aagtcttata aatcaaaaac acacattaaa tac 473

<210> 9376

<211> 440

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9376

gaggaacaca accatcaaca ttttaattgt tggaaactta ctctagggct ttttaacaat 60
gaagggcaaa agaagaggac atatatgaga gcaagatgac aactttaaca tatatcagca 120

tacagtgaac catgttcaat tcatatgtat atatttaaga gatatactaa taaaatacaa 180
 attatgttgt tagtccttca atgtttatca atctttgttc ttagtcctta aactctactt 240
 gatcgggtctt ggtttcagaa ttanttttct tcaatatttc taagttctat catcatagag 300
 atttatctgt tggttttata agattcattg ttaatttcta gacgtattaa tattttttct 360
 acatactctt atttttagtat ttatttttaa tattataaaa ataattaaga gataaaaaag 420
 aaaaacatta tttaaataac 440

<210> 9377
 <211> 495
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9377

tgagtcgctg atatccacct agtccatcat atttagttcg ccgattctac acgtctccaa 60
 acggaccgaa tctccgtgac tctgtctcta tgctagttcg tgctaggtca tttttcactc 120
 tttnttttta gtaaaaggaa tattttatgc atttttttta tctataaaaag atttcattgc 180
 atttttcaaa gcttattttt gacttaaagg ccttagggtt ttgtataccg tatacttgta 240
 ccaagtttta taaaaataaa ttgtctatct ctttttcata aaagtatacg agaattttct 300
 tatgtggcaa atgaacaatn tttttcctca ataaatagca taaaccttat taattatttt 360
 ctaacaattt ttttacatcc ttttagtatt aacatcacct cttagctgag tatattgaga 420
 acactttaaa agtgcttctg aaacattcat ttgggtgctag agggaaatat gtacacaata 480
 cacatgcatg aattt 495

<210> 9378
 <211> 471
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9378

gcctgatcgc taagcgacaa cttatccttg gctaagcatg acctattgtc accaagctaa 60
 attccttatg accataactg aggttcatga agctaagcgc caatcatggc agctaagctg 120
 aattccttgc agcaatgtga gcgctaagca agtccttatt agctatgcgc atgctcctct 180

tgaaaaaant tgtaagctnt aatcatataa aagttacatt tctgtttgct aacactagag 420
tccggagaag tattgtggac gatatacaac tgттаataga cac 463

<210> 9381
<211> 395
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9381

tgcaagcttc tctgaccaat atgatagatc aagataacag cagtagcggc tgcaacagga 60
gctgaatatg caacagcaat ccaaggacgc atacccaaac gaaaactaag ttcccactca 120
cgcgccatgt agcaagctac accaagtaag aagtgtagaa caattagttc ataaggaccg 180
ccgttgata accattcatc aacagatgcc gccttccaaa taggataaaa gtgcaaacct 240
atagccgcag aagtaggaat aatggcacca gagatgatat tgtntccata aagtagagat 300
ccagagacac gctcacgaat accatcaata tctactggag gggcagcaat aaaagcgata 360
ataaatacag aagttgcggc caataaagta tgaat 395

<210> 9382
<211> 498
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9382

catcctggtc atggatagat caccaggtt cgggtccata agcagtgaca attgcctgt 60
gaagactcgc ttctgctacg gctccggtgg ttcccttaa ccaagccact gcctatgagt 120
cgccggctca ttcttcaaca ggcacgcggt cagagtcccg agcctcctcc cactgcttgg 180
gagcttacgg ttctatgttc tatttcactc cccgatgggg gttcttttca cccttccctc 240
acggtactac ttactatcg gtcaccacag agtatntagc cttgcaaggt ggtccttgc 300
gattcacacg ggattccacg tgcccatgc tactcgggtc agagcgtaag ctagtgatgc 360
tttcggctac tggactctcg ccatctaggg tgcagcattc tctgctgctt cgcctagcag 420
cacgacattt tgtatagctc tccacaaccc cgttntcacg gtttatgctg ctccatttc 480
gctcgccgct actaccgg 498

<210> 9383
 <211> 427
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9383

agcttgtgat ggttcttcac caatcacttt gttccttcca tttccccaac ttcaaattca 60
 tgagtacttt tgacgtgttc ctctntatcc actccttcca cttcaaccgt tttgtctgca 120
 gtagtgcatt tttccgattt ctctggctcc ccagatccac gatattcttt tgtctcttcc 180
 tgtgggtgct caatctttac ttcactcttt ctccagaanaa cttcagagcc ctccagtctc 240
 ttgtcatcaa ctttatcttt caatgcagggt agttctccat cagcagcatt ggacttctcg 300
 tcaataggta cctcaacatt ntctacagct ttagcttctt ctccagaaat agtggatgtg 360
 ttgacatctg tatcttccac aactctgtca tcttgatttt ccttacaaca tccttttctc 420
 tcctata 427

<210> 9384
 <211> 271
 <212> DNA
 <213> Glycine max

 <400> 9384

aactatgaa actaagctgt agaccgggag atctgatcaa acatgggggc gcgctcaaca 60
 cacttcatct ataactca catgtggagg tgaacttacc aattaagggt tgcactcaat 120
 aaactatttc tggaagactc tcacacgagg tgctcttaca aatcttgctc acgaaacctc 180
 ttagcaggga ccaccttccc tattctccta taaatacggg gaggaggctg actctcaatg 240
 gcctctgacc tctatgctga gtatgaagtt g 271

<210> 9385
 <211> 357
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9385

tgccgcatgc aagcttaatg attgagatat ttaagagat tctccttctc tctctaattc 60

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<223>      unsure at all n locations
<400>      9386
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<210>	9387
<211>	324
<212>	DNA
<213>	Glycine max

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<223>      unsure at all n locations
<400>      9387
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3985

<210> 9388
 <211> 415
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9388

ttgggtcttag ctcggctgtc aagtttgcca tatcattatt gtgattgcaa aatgtggatt 60
 ctgaaacaga taacaaagaa gtggcagata agaggctttt gtctttgaat ccaacttatg 120
 ctgttggttt tttgaggaga catagtatgg agttgctcat gctttggcta agacatctcc 180
 atccttcact agtcttcaag ttttctatca aactccctat ttcattgctc atttaattaa 240
 taatgaaatg ccttgaattt gctttcgtca aggaaaaaaaa aaagagttgg gtggtaaaca 300
 aactaaatnt aaaaccctgc agagagaatc ggactntntt tttggtttga tcttatnntg 360
 tagtttctct ctctctgatg gttcttttct attctatatt ctatntatag ntata 415

<210> 9389
 <211> 282
 <212> DNA
 <213> Glycine max

<400> 9389

agctgggttc gaggtactta cccgttgaag atcgatgaat gatgaagaac gaatgaagaa 60
 cgtcgaataa cgggtcaaac cttcgcgaaa ttccttatgg aaacgttacg gaaacgtttc 120
 ggaagcgctt cggcttggat tttcttcacg gaaacaattt ttccaagcaa attcgaaaga 180
 gagagaagtg cctaaggggc tcaacccttt ttcacttcac ttctccccct atttatagaa 240
 aattggggga gaagcttgcc acccagctcg cccaggcgag ca 282

<210> 9390
 <211> 155
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <400> 9390

tattgagctc gatggtaaca agtgggtggat gtaatccata aacctatcat cgatgctcct 60
 gaagttgggg ttattacttc aattgcaaaa gactcattca taatttccaa attggctttg 120

taaggagata ggcaaactcta gntactcggt cataa

155

<210> 9391
<211> 354
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9391

atggcttatt ccctagtga tggngcctcc cctctcctct tctcctttgc cttccgctgc 60
atctacatgg tggaaaatca tcattgaagc tcatagatct agcctccata gaagctccac 120
aagcaagctt ccatcaacat gacttgaaaa ttgggtattg tccttttcta tatttcttat 180
attacttttag ggtcgacaag caagctccac aagcaagttt ccatcacatg tagatgaggt 240
tcaacaatat attgatgcaa gatggatntt ngctctagaa gttttgtgga agatatttag 300
aattaccctt tacagaatat atatgtgtgt tgagagatta caaattcatt tact 354

<210> 9392
<211> 155
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9392

agcatccatt gcaacaaaat cttcatata taccattggc caaagcccta nattctgctt 60
cagcaatgct tctagctacc acaatctgct tcttgcttct caaggcacca agttctccct 120
cacgtgatat aatatggatg aaacaccaag attca 155

<210> 9393
<211> 359
<212> DNA
<213> Glycine max

<400> 9393

atttcactat aatctttgat actaaataat acccttacag aaaaaaaaaa cgaatatcaa 60
gacaaacaat tagctgaata taacaatact tatgctttca aaacataggt tttcgggtgtt 120
aaattaaata gcaccgtaaa taatattgcc tttttatcaa gcgtattcct gaatctgttc 180
atatttgaaa ctataatcac gtggcttatt ggctttgcat taaataggaa taagaatac 240

taaaagacaa agttcaaagt taatgcaatg actttccata taaaaaaaat tgcctttttac 300
cggaatatca acaatcaaag cacatcccaa tatccaattg caataaactc tcttacaaa 359

<210> 9394
<211> 494
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9394

agctcgctgt gagagaaaat ncacgtgagc tncatccat gtcagatata gcatcttggg 60
tgagagcaaac tgtgaaggac cgattgttct tatagcatta gtcactgccc tgtgagaaga 120
acttggtttg aaatttgatc cattcacaaa tatctttttc attaaattct gtgagtaaag 180
ctctctcttg cgactgtaaa tcggtttcca gttcgtggac atcgcttata tcctttgtag 240
tacttctttg gggttacttn tcctaaatct taccaagtga aggacaatga catgggatta 300
tcgcaacaac atacacactt gggtttatct gtacatgcct atgtgaattt tttccctcta 360
tatagcagga caattccgca tttaatagag tcatttaact gtcaacagtg acttaaattg 420
tttccaacat gaatcttttg gtcggcctag tgattaataa tgtgcacttg tcttgcttga 480
ccacacttgg cact 494

<210> 9395
<211> 125
<212> DNA
<213> Glycine max

<400> 9395

ccgcggtga gagttatgaa gacttgaaca catgcattag cacttaacat cttggaataa 60
gggtcttaagc atgtatgtga ctactctaac ggtcactcta ttctcgata acaacggccc 120
atact 125

<210> 9396
<211> 422
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9396

acgaacgaag aacgncgaat aacgggtcaaa accttcgcga aattccttat ggaaacgtta 60
 cggaacggtt tcggaagcgc ctccggttgg attttcttca cggaacaat ttttccaagc 120
 aaattcgaaa gagagagaag tgcctaaggg gctcaaccct ttntcacttc acttctcccc 180
 ctatttatag aaaattgggg gagaagcttg ccaccagct cgcccaggcg agcagggttg 240
 cttctccag aagcaacagc cttctggagg aatcttctgg agggcccaag tgggcctggt 300
 tgctatttgc acccacatta ttactaagta caccctctg cccttttttg ggattcttn 360
 ttcgtaaagt acggaaactt acgaatgtcg taacgatact tggtttcttt ccttaatgtt 420
 ac 422

<210> 9397
 <211> 179
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9397

gctatacttt tccttaaaaa ataagcatna gcatattctt taatgtgagt gaaaacaaaa 60
 agagacaata tatctgtaaa tggtacatgg cacataagt taataaagat taatgaataa 120
 gacaaaagga gtcgagccca accccataaa aaatagttgg aatgaataaa agtacaagc 179

<210> 9398
 <211> 504
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9398

aagcgacctg cggcatgcaa gtaannaact catcaatcac actgtgaata tatttatatt 60
 cttgtaataa tattttttca tttgtaaaat tttaatgaag gagattgagc ttcaactcggc 120
 gaacgaaatg ttgatatttt ctgaactcct ttnttggtgt taattgtttt ggccccatth 180
 tccctaacaa gccaaattcc taacatgaca ataaatgaag gttgtatgct tcggcacgat 240
 atatacgatc agttctgtta ctcttacgtc ataaagaacc agtaaatact cttttgcaaa 300
 aattcaatcc atatgtaaaa agggacatat aaaaagttgt gtatagtaaa agcataataa 360
 aattatacaa ttaaatgaaa gaatcataaa tgttttgatg tagaaaagga aaattaacga 420

aagtgataca atggatatat atccgattcc accctctagt ctttgtgtgt attgactcca 480
 tggtccttac cccttaagca acac 504

<210> 9399
 <211> 169
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9399

tttacaaatc ataatgatca ttgatgcatg ntcatactat gaaaagattg tatgattcctt 60
 tttcattatt aagatntaag cttgtataaa ttatgtgtct ccttttggtc ttatgtttgg 120
 acatgcagtt aaaaaaattg tcttatgaaa ataatatcat ttttatgag 169

<210> 9400
 <211> 289
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9400

agcttggatt tcctttagt agggaaatcta ttcttctaag atggagccaa acccagtcac 60
 cctcattaag aactagctct tttcttcctc tattgccttt agttgaatac accttttggt 120
 ggctctctat ttgggtctta accctctcat gcactctctt tacaaattct gacctaagat 180
 tcccttcttt atgtataaaa aaagtgtcca gtgggagggg aatgaggtct aacggtgtga 240
 ggtgatngaa cccatagacc aacctcaaag gggacttggt ggtgggttc 289

<210> 9401
 <211> 385
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9401

tacatgcact aagcgcactt ccaatgatgt aaacacagaa cagtgatggc gcttagcgcc 60
 tccatccnag ctaagcccag ctagagagct caacttacag agtgaatctg gggcttagca 120
 tangagagcg cgcttagcac aactataata taatttcaca aagaggaagt ggcgcttagc 180

aaatcatcca cactaagccc actacttaag gtgaaactta cagtgaagat attgggctta 240
 gcgcagcgat gtgtgcttag ttgaaccatt cagcttaatc aatcaagggc ccttgcgctt 300
 atgaaagggg ctatctattn taggactcaa aggggtgaat cacctggatt ggccttagtc 360
 atgcaccata tgcagcanat catgt 385

<210> 9402
 <211> 434
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9402

agcttcaggc tgctcaattg cttcagattg ttgatataag gtcaaagggtc tgtgtgggtgg 60
 tcggcagagg agcataaacc acagagtctg gctacaagtg cagatntttt attcatggcc 120
 agttgggtta ccaggttaac caaggcctct agtttacctt caagcttctt agtctcgatt 180
 gatgaagatg aatgcgtggc tacttcatgc actcctctaa tgacaatagc atcacttttg 240
 gcactaaatt gctgggagtt ttaagccatc ttctcaatta aatntctggc ttcagcaggg 300
 gtcatgtctc caagggctcc accactggca gcatctatca tacttctctc tatgttactg 360
 agtccttcat aaaaatattt gaggagaagc tactcagaaa tctgggtggg agggcaactg 420
 gcacatagtt tctt 434

<210> 9403
 <211> 193
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <400> 9403

tggatgtagn ggtggaggag acctccttac ttcactctac ttctttctca ccatgactca 60
 nggagttctc tttcttctgt ctcttcttt acttttattg cacttgtcca aatttaattg 120
 attgctttga ttggtcttga tcttatgatt gtgctacatt gacgacaatg tgttgtttta 180
 gtgtgagggg gtg 193

<210> 9404
 <211> 446
 <212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9404

agctnttcac ataaaaaaca acttcatcat tattatcatc atcggtaca ctaaatacaa 60
tgcacaagaa gcatatctct ataggaacac atgcataaac acaagacata aatgttaatg 120
tagcataata atgacaataa caacaataac aaatatatta taaacaacat aacaacatcc 180
aaataagggg tctcattaag gtatattcct agtactcaaa acttaacact tacaacactt 240
aagtctgaca aatccccaca actgtgttgg tgctcatgac tatcaatttc ttttctagta 300
cccttctcac acatctgtgg gctagggttac actattgggtg gtgaactctt gagggaaaatt 360
ctcttctagc ctctttccaa cacatatgtg agcatagcca actagtgcga gcgtgtcaaa 420
aattttgata gcaaaatttt aagttt 446

<210> 9405

<211> 413

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9405

atactaagct tctaaacnta tacaagaatg aagctccgat accacttggt tgtcttctnt 60
aaagatcttc attcaggttt tccaataatg ataaccctca ccattgaaca tatgagccta 120
ttgatagaat nttcctcaga aaatggaaat ttggatgagg ccatatctat tcttgaagtt 180
tctaaacttt atacaagaat cctgctctga taccacttgt tggaccttgt ggctcaata 240
atcttacgag ggataggctt agaatacaga agaagcaaca acaatcaatt taacaatggt 300
ctttaaacat gcaagacaca attgattgca acaaaataaa taagataagg gaagagaaaa 360
tgcacacaca actttatact ggttcgggca ctttccgtgc ctacatccag tac 413

<210> 9406

<211> 393

<212> DNA

<213> Glycine max

<223> unsure at all n locations

<400> 9406

agctntccca cagtcctana ggacatttta aactattatt aactcactnt aacctccaat 60

tacaactaaa tccagattta gctcttcaca tccttaaagc atcggatggt tccactcata 120
 tcactacatt ctactatatt aaccctaggc taactctact cttcatctct atcagctttc 180
 catcagccat ntgagcatac aagcatcaca agcatcatca tagaaaccct ataacagaat 240
 gggtaagctt gactcatacc aaacatgaca aggttaacat ggctttcatc agattcttca 300
 caaataacta tcatgaggca taaacctagt aaaactaccc atcataactc ccgaaaccca 360
 ataccacga tagatcatgt gagaggaagt cta 393

<210> 9407
 <211> 406
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9407

tccatcacga tgcctctcat ngeencaacg taaggctttg agtgttccaa tangcatctn 60
 tcatcatgac cttgtacctg tgaacctatt gagtgagaac ttctaactctg cccctagggt 120
 tacttgaggc tcatgcacgg tgcctctcat tggcctagtg taaggctccg aggtactaat 180
 cgttgtcttt cgtcatgacc ttgtagtacg gaacctattg tgtgagaact tctaatttgc 240
 cctagggttca ctgagggttc atgcacgatg cccctcattg ctccagtata cggctctgag 300
 gtaccaatcg ttgtctatcg tcatgacctt gtagcatgga acctattgtg tgagaacttc 360
 taatctgccc ctatgttcac tcgagggttca tgcacgatac ccctca 406

<210> 9408
 <211> 365
 <212> DNA
 <213> Glycine max
 <223> unsure at all n locations
 <400> 9408

agcttctnnt ttagacctcg atcttttttc tntcttgtcc gacgccgact gtcatttgtt 60
 tcgatcaata tcggtgaata atactctttt tgccgagggtg ggctaagtgt ntctggccg 120
 aataaatggg aacatgccag tttcgggcga aacgaaacat cggttgagct cgcacgaaaa 180
 aacctagccc acctacattg taagtttttt atgcaacacc gaaacaagat aaccttcct 240
 gccgtaagaa aaacattatc gggcagcgag cttttttctt aanaaaaaatt gcgcaatgtc 300

agctgaaaat atcacgccgn gccatttcac gaccgatgtc gtgtattctg ttgtttattc 360
aatcc 365

<210> 9409
<211> 539
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9409

ggcagtatac attcgannac ggagagagtg aggaggaagc cttgttcgag gtacttacct 60
gttgaaaatc gatttacgtt taagtactat tgaagaatgt ccaagaacgg gtgaaacctt 120
tgcgaaattc ctcacggaat acgttacgga aacgtntctg aagcgctcc gcttagattc 180
tcttcaccga aacaactctt ccaagacaat tcgaaagaga gagaagcgcc taaggcgctg 240
aaccctatc gtcactcctc tcttccttat ttatagcaca ataggggagg tggttgtcgc 300
ccagctcggc caagcgagct cagcttcgcc atccgagctc agttgcttac tccacaagca 360
acatccttct cgaggaatat tctggacgcc ccatgcggcc ctggctactc tccatctcca 420
tcttctctat ccccatctat acatcttctc ctccccatt cctctccacc tcatctcttc 480
ctctctccg cccctccgc ctccatatct gtcgccact ctgtctgctc ctctctccc 539

<210> 9410
<211> 157
<212> DNA
<213> Glycine max

<400> 9410

ttaatatatg gacctaata cgaacatctt cttcttttct tcttcatcat ttaagaattc 60
ctttccttgc tctgatagag ctcaaccaga gccaaagcttt gataccactg agtctgaac 120
acactaaagg ggggggggtg cgctttccgt cttatcc 157

<210> 9411
<211> 440
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9411

gttcgatcga ccttatatga agaagaaatg gactttcttc tgcttacata tttattcaag 60
attattacga aagttaaaaa taagtcacat atataaaatg caaaactgat catgttttgt 120
tttacttttg ttttggtac aacctccccg acaaaaaatg cacaggcact tatttctgca 180
tggaaccg gtgagacgat gccattcata ttgacacgg taacttatta tttatcatgc 240
agatttacca tatggagcca cttaatgctc caactgattt gtttgaattg taattatgag 300
ttatgatagt ttaaacttac gaatagtttg gttcagaaat ggtgtattat tccttgatct 360
ggcaggctcg ggacttgatt aaattggcag attatctaac acacagagag gatgtagacn 420
cttctaggat aggaatcact 440

<210> 9412
<211> 332
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9412

agctntacgg gtatacagaa caacatataa agccctcata tgacttatct ctttnccagn 60
nggcctatgg aaaatcttgt cacctaccta ttgagttgga acataaagct ctttgggctt 120
taaaatttac gaacttcaac tcagatacaa ctgggtgaaca taggaagctc caactctatg 180
aattggagga actgatgggt caagcttctg agaattccaa gctttataag caaaaattaa 240
aaatctatca tgacaaaaag ctatcaaaaa gaaattttca gcctagtcaa caactattgt 300
tatttaattc tcgattaaga ttgtttccag gt 332

<210> 9413
<211> 261
<212> DNA
<213> Glycine max
<400> 9413

gagcacagga cagtctcatg gcattgtata gtgaccaacc tgatgcccta tgatcaaaac 60
acaatgcagt gaccatgcat tgaaagcttt ccaagaaaca cattaagtcc gggctcaagt 120
aacgaactgg aaacttctcg cttatgtctg gttgaaacga gaaaacaagc ttatgatcat 180
atagtgattc tattagttct tctatcaaga gaacaagtgg tcatataact tataacgatg 240

cctacttgaa ttatgaacca t

261

<210> 9414
<211> 321
<212> DNA
<213> Glycine max

<400> 9414

tgcacgcatg catgcttaca ccacggtggt cttttagtag aagtgttcgt tatcttgcaa 60
cgaaggatat gtaaaggcgg atctgtgtta tggatataac aacactggag ggtgccaaag 120
atggcaagat ttaccaaagt gtaggaatcc tggcgatttg tttgtgaaaa agactctttt 180
ccccgattat gaaaatgtaa cttttgaaat gaatccggct tttggctaca gtgatcgtga 240
ggccagttgc tggagcaatt gtagttgcga tggattcagc gcatcatggg ttaatgaaac 300
tggatgtaca ttctatcatt g 321

<210> 9415
<211> 225
<212> DNA
<213> Glycine max
<223> unsure at all n locations
<400> 9415

aacaataaat gaattgaaat tctcgaattt gaacacttac cggttaaaga ccgaagaacg 60
aacgaagaac cgtgaagaac ggtagaaaat cttcacggat tggctcacga aaatgtctcg 120
gaagcgttac aaaagcacct cagcttggat tttcttcacg aaaatacggt tntttttact 180
taaaacagct gaaatgcata gcatangggg caaggatcct ttgga 225

<210> 9416
<211> 318
<212> DNA
<213> Glycine max

<400> 9416

cttggccttt atgctgttca ccatgttgct ctttctatct ctattcattt tccatagaca 60
ataaatgact agcagatcat ggttactcgc ttcttggagt gtgccatctc aaagcaacac 120
agagagcatg caaatccagt gcacaattct cccaacagat gtcaagaatt tggatttaaa 180
ctcatcatca ttctttttca ataacatttt cataatcttg ctctttttga ggcattgtat 240

gtcaaacaaa tcaccataga gccttttgct gtcaacatgt acccccaaaa gattcgacaa 300
atgcttttct atgattag 318

<210> 9417
<211> 255
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9417

gatcttagag cgacctgcgg catgcaagct ngtggtttct ttctcattct ctcaaccaat 60
gngtatatat agaagagagt gagagaagag aagggtgctc tcattctcacc gctcttttagt 120
tcttcttctc tcaaaactcg aatgacctat ttctatgttt ttcgtactct tgcaattcct 180
gaggtaaaga tacaagcttt gctcttctgc tcaactggatc gggttccagg aattcaaggg 240
taggttcaaa agggg 255

<210> 9418
<211> 220
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9418

agcttgtctc tcaaagctaa taatcagctg gcttagntgn tgttatgaac ataggcaact 60
acgattntat tatgaagcac gtatctctta cataggggac atcccactac tacaaaaagc 120
agatttaaca tcggcagttt aacatcggtt tttaacaaaa ccgatgctaa cgtaaagtcg 180
gaggcataac tgtaaatact acgtatcgat taacattggt 220

<210> 9419
<211> 408
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9419

caagcttgaa tgctctattc aatggagttg actagataat cttcagactg atcaacacat 60
gcacagtggc caaggatgca tgggagatcc tganaaccac tcatgaagga acctccaaag 120

ataagattta cattataacg gaacagttta atcaacaaaa attacatcat gtttgaagtg 120
atgaaatggt gtaaaaatgt gaaacattag actagtatga accactccat tcgacttggt 180
gtttgtgctt catggattca agttgcggtg ttgccgcgtg tttgtcgttc atagattcaa 240
tttcacgcta gcaggcgaat tcagagttta aaataagaga aacacaaccc aaattcacat 300
tgtaatgatg gtggtgagtg aggagccaag atctaattgt ggagacctat aaacaagggg 360
attgtgcccc tctgactgca attgcaatat atatccactt ggttgcaagt ggaatagaat 420
aaacccttca acaaaa 436

<210> 9423
<211> 285
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9423

cgaatgattc gctattctct tgtatatatt ataccgactg gtactctgga atntggactc 60
tactacttgc gtgcggcaaa gttcaattct atgaccgtgt gttgcagtta tcagaaactc 120
tggaatctgg aatctgggtt taatttcact acaatattcn ttataatac tcaatggctc 180
atactcatta ctcactcctg ttctgtctct cagtgtcca acgattccct gccacaata 240
tagatttgtt ggtctatgat actactgtca ctgtactcca actca 285

<210> 9424
<211> 409
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<400> 9424

agcttgaggg taaagtctca cgattgtcac gtttcatgca ataattgtta gccgtggcta 60
tacgagacat cttgccaac aaagtcaggt taacgataac tcgcctgtgc tttttcttcc 120
attctatatg tagcacagtc attaattccag tcatgtttga tgagttggga aatgaggccg 180
caattatact gtgctagttg gagatgtatt ttccccctgc tttctttgac atcatgattc 240
acttggttgt gcatctgggc agagaaatca aatggtgtgg tctgtttat ctacggtgga 300
tgtaccgggt tgagcgatac atgaagatct taanagggtg tacaagaat ctatatcgtc 360

409

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<223>      unsure at all n locations
<400>      9425
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<210>	9426
<211>	176
<212>	DNA
<213>	Glycine max
<400>	9426

<210>	9427
<211>	395
<212>	DNA
<213>	Glycine max

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acctgcaggc aggcaagctg cttgtctcac cccaaactcc cttcacaatt tattatttca 60
ttcttaaata ggcggcctgg tctgtgctcg tgcgcttagc gcaattntga accgcttagc 120
gcacattagt gaatttcggc tttagcgcgtg ctgcatgtct cgattcttac atgcttgtga 180
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